

NEWTON FREE LIBRARY

NEWTON, MASSACHUSETTS

TABLE OF CONTENTS


Inaugural Address of the Mayor	Jan. 3, 1881
--------------------------------	--------------

Officers of Newton City Government	1880
(p. vi and xi of Auditor's Report)	1881

<u>Departmental Reports</u>	<u>Period Covered</u>
Auditor	1880
City Clerk	1880
Overseer of the Poor	1880
City Marshal	1880
Water Registrar	1881
School Committee	1881
Newton Free Library	1881
Fire	1881



3 1323 00360 5085



Digitized by the Internet Archive
in 2017 with funding from
Boston Public Library



N

352

N48P

1880/81

C. 1

THE
INAUGURAL ADDRESS
OF
ROYAL M. PULSIFER,
MAYOR OF NEWTON,
TO
THE CITY COUNCIL,

JANUARY 3, 1881.



Boston:
PRESS OF ROCKWELL AND CHURCHILL,
No. 39 ARCH STREET.
1881.

P352

M48P

C.1 (1880-81)

NEWTON COLLECTION

A D D R E S S .

Gentlemen of the Board of Aldermen and Common Council: —

The membership of the City Council for the ensuing year is so nearly identical with the membership for 1880, it may fairly be inferred that in the care and management of municipal affairs the last City Council performed its duties in a manner which satisfied the majority of those whom you represent. This inference is strengthened by the fact that nearly every member of the City Council was elected without opposition, and of the few who were not re-elected nearly every one declined longer service. This fact is important, showing, as it does, what kind of service is expected from us during the year before us.

It seems proper to consider briefly and generally what were the characteristics of the last Council which ultimated in action so satisfactory.

The two branches constituting that body were noted for almost perfect harmony of action; for

courtesy in debate; for careful consideration in committees, and in the stated public meetings, of all subjects upon which they were called to act; for limiting their expenditures to the amounts appropriated; for an entire absence of partisan considerations; for prompt and regular attendance on important committee meetings; for a reduction of the city debt; for the inauguration of measures tending to the acquirement of a public park; and for the revision and simplification of the City Charter.

It is expected from you that you will attend to all your duties with the same courtesy and respect for others' opinions and rights; that you will attend committee meetings faithfully and regularly; that the several committees will respect the decisions of the City Council determining how much money shall be expended for certain purposes; that you will carry forward the works initiated by your predecessors; that you will realize that to be honest, useful public servants you must lay aside personal and political considerations, and devote yourselves to public work, asking only what action will be right.

I have good reason for expecting such action from you.

As the municipal year is now identical with the

calendar year there has been no opportunity for such a closing and examination of accounts as would enable me to speak definitely of the various departments as to their financial condition. For specific and definite information I must refer you to the several department reports which will be presented at a later day. I am able to give you reliable data of the

FUNDED DEBT.

The permanent debt of the city, Dec. 31, 1880, was as follows:—

Town and City Notes	\$323,000 00	
Accrued interest on same	4,228 72	
	<hr/>	\$327,228 72
Municipal Bonds	\$34,000 00	
Accrued interest on same	850 00	
	<hr/>	\$34,850 00
Water Loan	\$855,000 00	
Accrued interest on same	24,300 00	
	<hr/>	\$879,300 00
Uninvested portion of the principal of the Kenrick Fund	\$500 00	
Accrued interest on same, and \$1,000 loaned, Dec. 4	42 87	
	<hr/>	\$542 87
Total		\$1,241,921 59
Amount of funded debt with accrued interest, Dec. 31, 1879		1,222,534 72
		<hr/>
Increase during the year		\$19,386 87

The condition of the Sinking-Fund, Dec. 31, 1880, was as follows:—

Water Loan Sinking-Fund.

Cash in bank	\$2,188 24	
Newton 5 per cent. Water Bonds .	62,000 00	
“ 4 “ “ .	2,000 00	
	<hr/>	\$66,188 24

City Debt Sinking-Fund.

Cash in bank	\$24,189 77	
Newton 5 per cent. Water Bonds .	8,000 00	
“ 4 “ “ .	3,000 00	
	<hr/>	\$35,189 77

Total	\$101,378 01
Sinking-Fund, Dec. 31, 1879 . . .	70,408 76

Increase of Sinking-Funds during the year	\$30,969 25
Funded debt less Sinking-Fund, Dec. 31, 1879	\$1,152,125 96
Funded debt less Sinking-Fund, Dec. 31, 1880	\$1,140,543 58

Actual decrease of funded debt .	\$11,582 38
----------------------------------	-------------

No part of the funded debt will mature this year. Newton has practically no floating debt. As far as it is possible to obtain them, all bills are paid monthly. The city owes the December bills, which







will amount to about twenty-five thousand dollars, and the city holds, as assets, to meet these liabilities, about fifty-six thousand dollars in good tax-bills.

WATER DEPARTMENT.

During the year 1880 there were laid sixteen thousand nineteen feet of main pipe, and about one thousand five hundred feet more would have been laid had not the early closing of the ground prevented. For a similar reason a number of service-pipes which had been ordered could not be laid. There are now laid about sixty and one-fourth miles of main pipe. In 1879 two hundred and thirty-two service-pipes were laid ; in 1880 two hundred and twenty-seven.

Including the amount allowed for hydrant service the receipts for the use of water have been about seven thousand dollars larger than in 1879. Excluding the hydrant charges from each year would show for 1880 a gain of four thousand four hundred dollars. During the past year the city reached the limit to the amount of water-bonds, originally fixed by the Legislature, to wit, eight hundred and fifty thousand dollars. Additional legislation was sought and secured, which changed the authorized amount to nine hundred and fifty thousand dollars. Of this newly authorized amount only five thousand dollars have been used.

The protracted drought last summer fairly tested the capabilities of our system with its present facilities. During that season the department was called upon to furnish an exceptionally large quantity of water ; but there was no lack, and the quality of the water was maintained in its usual excellence. The town of Watertown has, during the year, sought and rejected a proposition for a supply of Newton water. I consider the proposition made by Newton was a just one, the acceptance of which would have been of mutual advantage. I have no means of knowing which one of the many plans for a water supply which Watertown has investigated and considered will ultimately obtain the support of a majority of her voters; but if the negotiations with Newton are ever reopened it should come in the shape of an authorized proposition from Watertown.

Of the main pipe laid last year nearly one-third was laid in the North-village District; and of the one thousand four hundred and fifty-five feet ordered by the City Council, and not laid, more than one-half would have been laid in the same district. The thorough piping of the district ought to make a marked improvement in its mortality record, which has been bad. There is no system of drainage in this district; in very many cases the drinking-water has heretofore been rendered impure,

unfit for drinking, and a source of disease, by the close proximity of wells to vaults and cesspools which could not be opened into sewers, and the contents of which could not, from the nature of the soil, receive even the earth purification which is possible in most parts of the city. For these reasons the last Council wisely determined to give special attention to this district, with the results above noted. I do not consider it probable that you will find it necessary or expedient to lay as much main pipe this year as was laid last year. Barring accidents, you may properly expect from the works this year a smaller expenditure for laying mains, an expense for maintenance not larger than the expense for 1880, and an increased revenue. I respectfully renew my recommendations, made at length to the last City Council, that the future management of the works be vested in a Commission. The evidence each year is renewed and strengthened, that this department, which has caused about three-fourths of our city debt, and from which an annual revenue of between thirty thousand dollars and forty thousand dollars is derived, ought to have such a stable, conservative, intelligent management, as it will always be extremely difficult, if not impossible, to obtain from a committee of the Council, liable to annual change. Could the question be submitted for decision to a committee composed

of those gentlemen who have had the work under their immediate charge, I feel sure that their decision would be in favor of a Commission.

PUBLIC PARKS.

Years ago, when Newton was a town, measures were inaugurated looking to the establishment of a system of Public Parks. Again, since Newton has become a city, an intelligent Commission, appointed under the order of the City Council, has carefully considered the question and reported a scheme. Their report was made at a time when the necessity was felt for reducing all municipal expenditures to the lowest practicable limit. It was in the midst of a season of great financial depression ; the city was engaged in the construction of the water works, and it was felt that in addition to the expenditure for water works the city might be called upon at once to make provision for the construction of expensive sewers. The Commission recognized the importance of securing land for parks, and believed that at a comparatively small cost the city could obtain what at present may be considered only a luxury, but that which in a not remote future will be known to have been a wise provision for the health and comfort of our citizens.

A year ago I had the pleasure of recommending to the City Council "that practical steps be taken towards securing a public park for Newton." The matter was properly referred to a committee, who at an early period of their investigations concluded that it would be impossible to secure suitable tracts of land, unless aided by legislation. While the committee were engaged in their work, Hon. John S. Farlow communicated to the City Council his desire to donate conditionally to the city a very valuable tract of land in the populous part of Ward 7, to be devoted to public uses. The Council recognized and acknowledged the munificence of the proposition, and a little later unanimously adopted a report which had been submitted by the Highway Committee, and which recommended that the Mayor be instructed to petition for legislation which would enable the City Council to take land for park purposes and to issue bonds in payment for the same.

I trust that the legislation asked for may be granted. It would establish stringent safeguards against any extravagant expenditure of money, and under it Newton could secure a park or a series of parks, which, for beauty and for general accommodation, would be, outside of Boston, unequalled in New England. The City Council of 1880 took the proper initial steps towards securing a park; I trust

that it may be your privilege to take the more practical action which will be open to you, should the legislation for which Newton has asked be granted and be accepted.

THE POLICE DEPARTMENT.

During the past year the efficiency of this department has been attested by almost complete immunity from all the larger crimes. Good order has been preserved throughout the city, and an honest effort has been made to enforce the laws.

Early in the year one man was added to the force, a change was made in the location and duties of a few of the members, and all were directly instructed as to the service which would be required of them. They were particularly informed that it was no part of their duty or privilege to determine what laws should be executed, and what laws not enforced. It was ascertained that for some unexplained reason it had been the custom in Newton to exempt druggists from the operation of the law regulating the sale of liquors. At my request the Aldermen promptly met this question, and decided to license druggists to sell liquors for mechanical and medicinal purposes. This is the only class of liquor licenses issued by the city. The force now consists of the City Marshal, one Sergeant, with head-quarters at the City Hall, two

mounted officers, one located at Auburndale and one at Newton Centre, whose duties take them all over the city each night, and twelve patrolmen, with defined precincts.

I have no changes to suggest in this department, and its expenses ought not to exceed those of last year.

FIRE DEPARTMENT.

This department is well organized, and as efficient as any fire department could be in a city covering the area which Newton does, and broken by a line of hills. Eleven new signal-boxes were added last year, and at least six more should be located this year. These new boxes are needed particularly on the high lands, in reaching which there is necessarily delay in case of fire. This delay would be reduced by increasing the number of boxes, so that fires could be closely located. The hose-carriage now located at Auburndale should be retired from active service. Its place should be filled by returning the hose-carriage which was purchased for Auburndale, and which is now located at Newtonville. Instead of purchasing a new hose-carriage for Newtonville, the Chief Engineer renews his recommendation that a chemical engine be located at Newtonville. His recommendation is worthy of careful consideration.

A chemical engine is light, and by its use the great damage occasioned by flooding buildings with water is often obviated. The house at Newtonville is now left alone three hours each day. I consider this a mistaken economy, inasmuch as nearly the whole value of the department is lost unless it can respond promptly to an alarm. The only hook and ladder carriage is located at Newtonville, and arrangements should be made, so that this important part of the fire equipment could at all times be ready for immediate use.

CITY HALL.

The Committee on Public Property last year obtained plans, specifications, and estimates for the enlargement of the City Hall. Carried out, these plans would give ample office accommodations for the various departments, proper and decent facilities in the basement for confining criminals and tramps, and an enlargement and improvement of this hall. Another plan has been suggested, which would cut up this room for city offices. A third plan contemplates the erection of a new building for the police department, or simply the remodelling of the present basement.

I am satisfied that in its present form, or in a modified form, the first plan should receive from you early and careful consideration. Better police accommo-

dations in the ward are a positive necessity. The existing ones are a disgrace to our city.

There should also be provided a proper separate office for the Auditor; the original accommodations for the Assessors' Department should be restored; the Water Department requires office accommodations, and the office of the City Clerk is now too limited in size.

The building as at present arranged has fairly accommodated the city for seven years. Additions and alterations similar to those proposed by the Public Property Committee of last year could be made for about ten thousand dollars, and they would afford ample accommodations for all city business for the next seven or ten years.

I should deprecate any change which would involve the sacrifice of this hall. I believe that every city ought to provide for public uses at least one commodious hall like this, even if it yielded no income; while, in our case, this hall brings to the city, from its rental for general purposes, a net income which largely exceeds the interest on the cost of the entire changes contemplated by the plan just mentioned.

SCHOOL DEPARTMENT.

I desire to call your special attention to the fact that, since Newton was incorporated as a city, the

School Committee has each year confined its expenses within the appropriation made by the City Council. I have no doubt that the future policy of the committee, in this important respect, will be the same. In making the appropriation for school purposes you may safely understand that this financial limit will be as faithfully observed as though the committee were not possessed of the legal powers to expend what money seemed to them wise. I mention this fact both as a deserved compliment to the School Committee and as a reminder that such a committee, elected by the same constituents which elect you, and elected because of their special fitness for the work assigned to them, will not be likely to ask you for any appropriations which ought not to be cheerfully granted. The committee will ask for no appropriation this year for new buildings, except it be for a drill-shed on the High-School grounds. Such a structure is desirable, not only for the military drill, but for a place for relaxation and recreation in stormy weather. The committee will probably also ask for a slightly increased general appropriation, made necessary by the increase of pupils, and the consequent necessity of additional teachers, or teachers of higher grades.

HIGHWAY DEPARTMENT.

Grouping under this head all the expenditures made under the direction of the Highway Surveyors, the Joint Standing Committee on Highways, and the aldermanic Committee on Streets and Ways, Sidewalks, Drains, and Sewers, the several appropriations for last year aggregated seventy-three thousand four hundred dollars. It is safe to say that this aggregate can be largely reduced this year, although some of the items should be increased. You will not probably consider it judicious to expend nine thousand dollars for gravel lands, or find it necessary to appropriate nine thousand dollars for land damages. On the other hand the appropriation of forty thousand dollars for general repairs should be increased, provided all the streets are to be kept in first-rate condition.

The appropriation last year was carefully expended and the expenditures were kept inside of the gross appropriations. I trust that a similar record can be made of this year's operations, although the pressure for new sidewalks, new streets, and additional drains, will render it a difficult task.

To show how difficult the task will be, let me call your attention to a list of the streets on which alterations have already been ordered. The following

changes have been ordered by the County Commissioners, viz., the widening of Beacon street, Walnut street, North street, Watertown street, Cherry street, Washington street at Newton Lower Falls, Kenrick street, and Pine street.

The following widenings have been ordered by previous City Councils, viz., Ward street, Cotton street, Crafts street, Lowell street, Nahanton street, and Margin street.

Nearly all this work must at some time be done, and each year there is a strong pressure for new work. Without considering any new projects in this department, enough work has been already ordered to cost more than you would feel at liberty to expend in a single year. I recommend to your careful consideration the purchase of a fifteen-ton steam roller, which will cost about six thousand dollars, to be used in repairing streets. I am persuaded that the use of such a machine would be economical, and its purchase desirable, even if for this year no new work were undertaken, and enough less old work done to allow the purchase of a roller and still keep the appropriation within reasonable limits.

CITY CHARTER.

In accordance with my recommendations made last year, the City Council, in December, authorized the

appointment by the Mayor of a Commission of five persons to consider what changes in our charter would be desirable. This Commission has been appointed and in due time will report to you its conclusions. I take it for granted that the Commission will report recommending some changes, but I scarcely dare to hope that their work can be completed at such an early day that the necessary legislation authorizing the changes can be procured from the Legislature this season.

PUBLIC SEWERS.

The great question of how properly and effectually to provide drainage for our city is still undecided. The Sewerage Commission has presented a careful and exhaustive report, upon which no action has been taken. The committee of last year respectfully recommended its reference to the City Council for this year. It is only a question of time as to when some comprehensive system must be adopted. It will be very expensive, and successive city governments will postpone the expense just as long as in their judgment public safety will permit. Except for the introduction of pure water in abundance for all domestic purposes, the construction of sewers would have been demanded before now. A large section of North Village, which was last year supplied

with water, has less need of drainage to-day than before; but, with the growth of the city, a system of sewerage must be adopted. I do not think you will need to commence the construction this year, but I consider that it would be wise for you to determine in general what the system shall be, to the end that all work done in this department, from year to year, may eventually form parts of the general system.

THE PUBLIC HEALTH.

While the record of general health in the city has been good during the past year, there has been an alarming epidemic of diphtheria during the latter part of the year in parts of Wards One, Two, and Five. I believe that this epidemic, with its attendant suffering, and expense, and death, might have been earlier checked, if not prevented, had there been in Newton a Board of Health composed of experts, or even if the Board of Aldermen, who, by ordinance, are in Newton the Board of Health, had been authorized to employ regularly a health officer, whose entire time and attention could have been devoted to ascertaining and removing sources of disease. Such duties are too onerous to impose upon the aldermen in person, and their only assistant in the work has been the City Marshal, an official whose regular duties are suffi-

cient to absorb all his time, and who could not bring to the performance of this extra duty the aid of any special training or experience.

As an economical as well as a humanitarian measure, I earnestly renew my recommendation, made last year, that you provide for the appointment and compensation of a competent health officer. A careful examination should be made at once of the sanitary conveniences in all our public buildings, and particularly in the various school-houses. The City Council of last year was compelled to make an extra appropriation to put in proper order the conveniences in the Mason School-house. This year, the sanitary needs of the school buildings should be known before the annual appropriation for public buildings is made, so that the funds may then be provided, the plans perfected at an early day, and the work performed during the school vacation.

THE PUBLIC LIBRARY.

I do not recommend any increased appropriation for this valuable factor in the education and culture of our citizens. The same appropriation as was made last year will enable the Trustees to maintain the Library and Reading-room properly, to add as many new books as it would be judicious to add in a single year, and to provide for a tri-weekly distribu-

tion of books in villages remote from the Library building. At the proper time the City Council may consider it wise to establish six or seven additional public reading-rooms, furnished with newspapers, periodicals, and books of reference, and it may be wise this year to provide for a daily distribution of books from the Library. Both of these measures should, in my judgment, precede any attempt to establish branch libraries. The establishment of even one branch library would inevitably lead to the establishment of one in each village, calling for an aggregate annual expenditure for library purposes which I am sure tax-payers would justly consider excessive.

THE POOR DEPARTMENT.

The very general demand for all grades of labor consequent upon the return of prosperous times has relieved the Overseers of the Poor from the care of nearly all able-bodied persons. They will always have to care for the aged, the infirm, the improvident, and the insane; but eliminating from their expenditures those made in previous years for persons who were able to work and desired to work, but were unable to find employment, the overseers will be able to report for the year 1880 the smallest expenditure for the care of poor out of almshouse which has

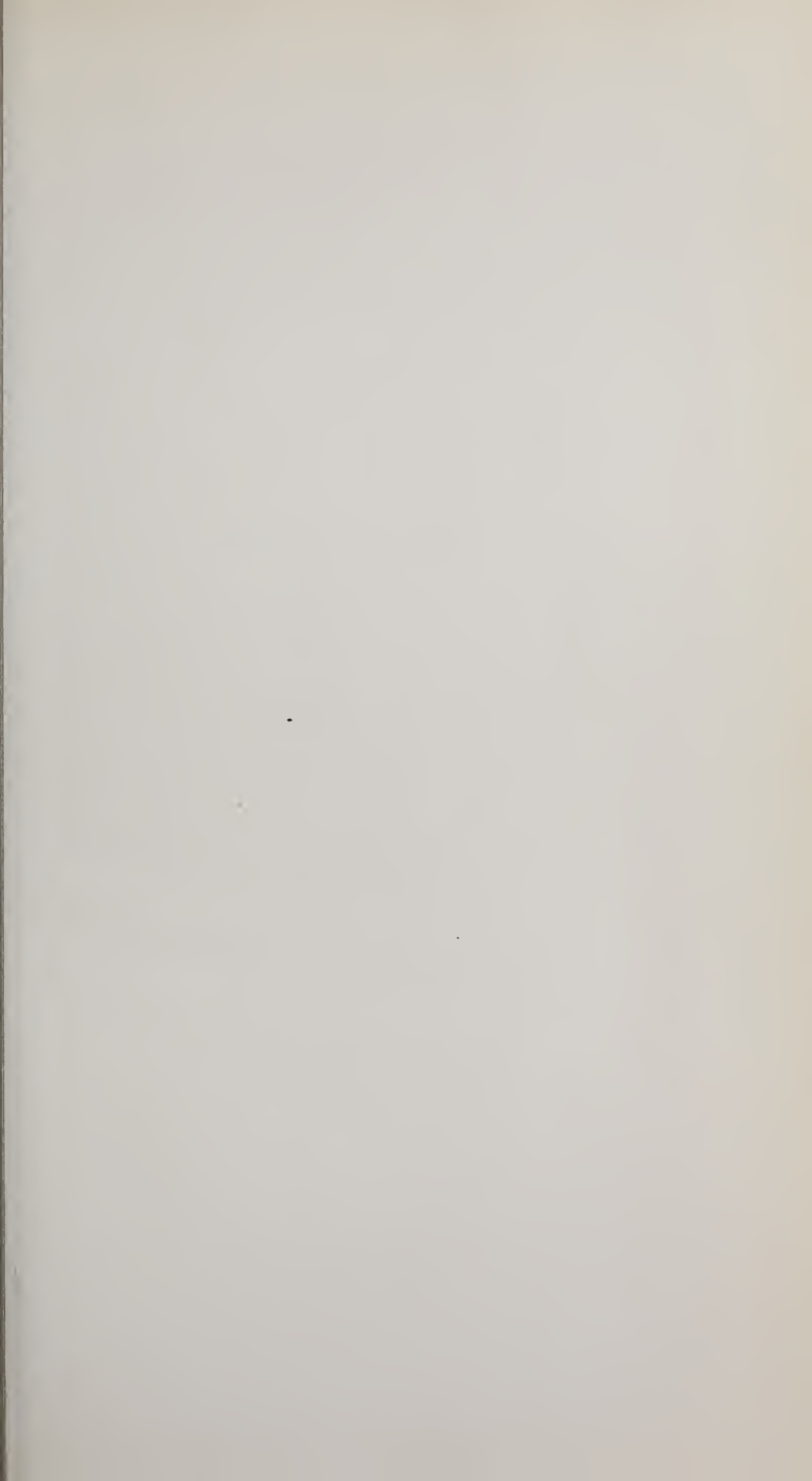
been possible for many years. A large item in their expenditures has been for the payment of hospital dues for insane paupers, and I am sorry to say that this item increases with painful regularity.

In making the appropriation for miscellaneous expenses I recommend that it be divided, setting apart a proper sum for legal expenses, which the Mayor may draw upon without the intervention of the Committee on Accounts. Occasions frequently arise when it is important to supply the City Solicitor promptly with funds, for the payment of expenses in the suits at law to which the city may be a party.

I also recommend that all the expenditures for repairs on school-houses be charged to one appropriation, either the appropriation for public property or the appropriation for school incidentals and repairs. At present part of the necessary repairs are done under the direction of the Joint Standing Committee on Public Property, and the balance by the School Committee, the expenditure being divided accordingly.

I have contented myself with calling your attention in the briefest manner possible to the apparent needs in the more expensive departments. Without increasing the rate of taxation, or the assessed valuation of real estate, except for improvements added since last May, I think you will be able to accom-

plish all the work which I have suggested as desirable. It should be borne in mind that the increase of tax-rate for 1880 over that for 1879 was entirely occasioned by the increased State tax, and not by increased municipal expenditure. Remembering always that there is prescribed in Newton a very high standard of excellence for public works, remembering also that Newton is a wealthy city, it remains for you to establish and maintain that just balance between expenditures and needs which will accomplish the greatest good with the least hardship for the smaller tax-payers. You have accomplished this satisfactorily in the past ; you can accomplish it equally well in the future by applying to all your public work a liberal economy and the principles of strict justice, considering only the public good in distinction from the good of the individual.





AUDITOR'S ANNUAL REPORT
OF THE
FINANCES
OF THE
CITY OF NEWTON

FOR THE YEAR ENDING DECEMBER 31, 1880,

TOGETHER WITH

THE REPORT OF THE CITY CLERK, THE OVERSEERS OF THE
POOR, AND THE CITY MARSHAL.

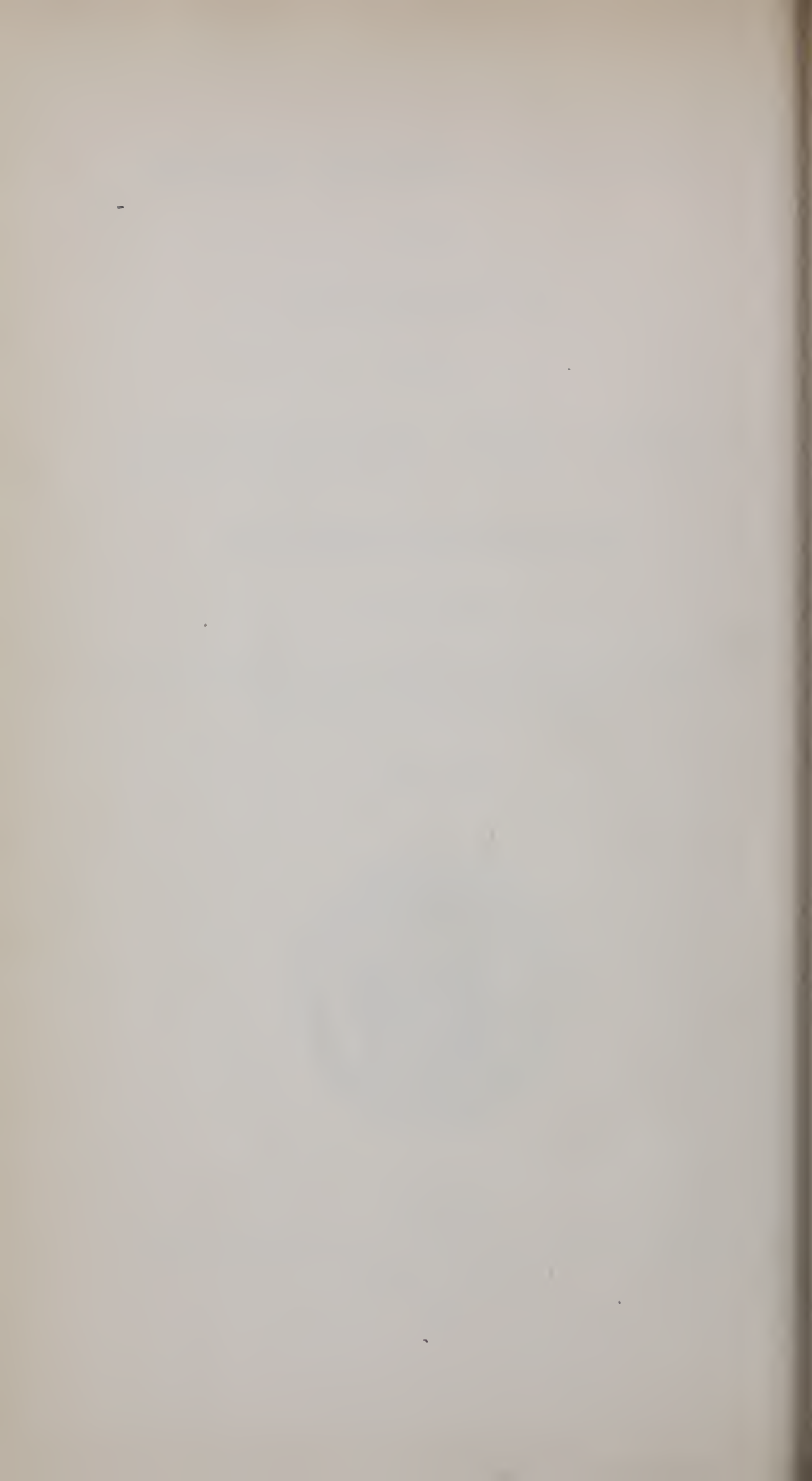
No. CCII.



BOSTON:

DELAND & BARTA, SUCCESSORS TO W. L. DELAND & SON,
101 MILK STREET.

1881.



CONTENTS.

	Page
City Government, 1880	vi
City Government, 1881	xi
Auditor's Report	1
City Treasurer's Account	3
Report of Committee on Finance	7
Liabilities	8
Assets and Recapitulation	9
Receipts	11
Expenses	13
Table showing Appropriations, Transfers, Mayor's Warrants, etc.	16
Table showing Permanent Debt	18
Statement of the Kenrick Fund	19
Taxes and Taxable Valuation	19
Ledger Balances	20
Statement of Sinking Funds	21
Detailed Statement of Receipts and Expenses	23

RECEIPTS.

Almshouse	23
Armory	24
City Engineer's Department	24
City Hall	24
Corporation Tax	25
Dog Tax	25
Fire Department	25
Funded Debt, Water Bonds	25
Gravel Land	26
Highways	26
Interest on Taxes and Deposits	26
Kenrick Fund Income	27
Lighting Streets	27
National Bank Tax	28
Newton Free Library, Catalogue Account	28

Police Department	28
Poor out of Almshouse	28
Public Property	29
Record and Other Fees	30
Sidewalks and Curbing	30
State Aid	30
Suspense Account	31
Taxes, 1871 to 1880	31
Temporary Loans	34
Tuition for Non-Resident Pupils	35
Water Rates	35
Water Rates by Meter	35
Water Maintenance, Meters and Service Pipe	35

EXPENDITURES.

Almshouse	36
Armory	37
Books, Stationery and Printing	38
Burial Grounds	39
Conveyance of Pupils	40
Curbing	40
City Hall	40
City Engineer's Department	41
Drains and Culverts	42
Evening Schools	43
Fire Department	44
Gravel Land	54
Highways, General Repairs	55
Highways, Widening and Improvements	59
Industrial and Mechanical Drawing	60
Interest on City Loans	60
Indigent Soldiers and Sailors	61
Interest on Water Bonds	62
Improvements on Public Squares	62
Land Damages	62
Lighting Streets	64
Memorial Day	64
Miscellaneous Expenses	65
Newton Free Library	71
Police Department	73
Poor out of Almshouse	76

Public Property	81
Schools — General Appropriation for	83
Schools — Incidentals and Repairs	89
Sidewalks	94
Sinking Fund, Water Bonds	94
Sinking Fund, City Debt	94
Salaries	94
State Aid	95
Taxes, State, County, National Bank	96
Temporary Loans	97
Use of Hydrants	97
Water Maintenance	98
Water Maintenance, Meter and Service Pipe	100
Water Maintenance (Special)	101
Water Construction	101
Schedule of City Property, Real and Personal	104
Table showing the number of Polls, Real and Personal Estate, etc.	110
Table showing amount paid for support of Poor out of Alms- house from 1851 to 1880, inclusive	111
Salaries of City Officers, 1880	111
Report of City Clerk	115
Report of Overseers of the Poor	125
Report of City Marshal	133

OFFICERS
OF THE
NEWTON CITY GOVERNMENT,
1880.

MAYOR.

ROYAL M. PULSIFER.

BOARD OF ALDERMEN.

DWIGHT CHESTER, *President*.

WARD ONE.

D. W. FARQUHAR.

WARD TWO.

J. WESLEY KIMBALL.

WARD THREE.

EDWARD R. SECCOMB.

WARD FOUR.

CHARLES C. BURR.

WARD FIVE.

JAMES R. DEANE.

WARD SIX.

DWIGHT CHESTER.

WARD SEVEN.

WILLIAM P. ELLISON.

COMMON COUNCIL.

CHARLES C. BARTON, *President*.

WARD ONE.

LEVI B. GAY.
EDWARD W. CATE.

WARD TWO.

AUSTIN R. MITCHELL.
GEORGE L. WHITNEY.

WARD THREE.

WILLIAM DIX.
HENRY A. INMAN.

WARD FOUR.

NATHAN MOSMAN.
WILLIAM C. STRONG.

WARD FIVE.

GEORGE E. WALES.
ALLISON O. SWETT.

WARD SIX.

CHARLES C. BARTON.
EDWARD B. BOWEN.

WARD SEVEN.

JOHN Q. HENRY. EDWIN W. GAY.

Clerk of Common Council.

HOSEA HYDE.

City Treasurer and Collector of Taxes.

JOHN A. KENRICK.

City Clerk and Clerk of Board of Aldermen.

EDWIN O. CHILDS.

City Auditor and Clerk of Committees.

BENJAMIN F. OTIS.

City Solicitor.

PETER THACHER.

City Engineer.

ALBERT F. NOYES.

Superintendent of Streets.

WILLIAM E. FULLER.

Water Registrar.

ALBERT S. GLOVER.

Superintendent of Water Works.

H. N. HYDE, JR.

City Messenger.

JOSEPH D. WELLINGTON.

ASSESSORS' DEPARTMENT.

Assessors.

ISAAC HAGAR, *Chairman*, . . Term expires January, 1883.
HOWARD B. COFFIN, *Secretary*, Term expires January, 1881.
SAMUEL M. JACKSON, . . Term expires January, 1882.

Assistant Assessors. — Elected Annually.

Ward 1.—ORRIN WHIPPLE. Ward 4.—RUFUS MOULTON.
 “ 2.—JOSEPH WALKER. “ 5.—S. N. WOODWARD.
 “ 3.—OSCAR F. LUCAS. “ 6.—GEORGE WARREN.
 Ward 7.—JOHN WARNER.

SCHOOL COMMITTEE.

HON. ROYAL M. PULSIFER, *Mayor, Chairman, ex officio.*
 CHARLES C. BARTON, *President Common Council, ex officio.*
 REV. AMOS E. LAWRENCE, *Chairman.*
 ISAAC HAGAR, *Secretary.*
 EPHRAIM HUNT, LL.D., *Superintendent.*

*Elective Members.**Present Term of Office.*

Ward 1.*—THOMAS S. SAMPSON,	Expires January, 1883.
THOMAS MARCY, . .	Expires January, 1883.
“ 2. —E. FRANK HOWE, . .	Expires January, 1883.
A. AMELIA SMEAD, . .	Expires January, 1883.
“ 3. —JULIUS L. CLARK, . .	Expires January, 1882.
ELIJAH W. WOOD, . .	Expires January, 1882.
“ 4. —WILLIAM S. SMITH, . .	Expires January, 1882.
ISAAC HAGAR, . . .	Expires January, 1882.
“ 5. —JOHN A. GOULD, . .	Expires January, 1881.
† CHARLES E. ABBOTT, . .	Expires January, 1881.
“ 6. —JAMES S. NEWELL, . .	Expires January, 1881.
AMOS E. LAWRENCE, . .	Expires January, 1881.
“ 7. —GEORGE W. SHINN, . .	Expires January, 1881.
LINCOLN R. STONE, . .	Expires January, 1882.

POOR DEPARTMENT.

Board of Overseers.

THE MAYOR, *ex-officio, Chairman.*

Ward 1.—CHARLES F. RAND. Ward 4,—BENJAMIN BOURNE.
 “ 2.—OLIVER B. LEAVITT. “ 5.—HOSEA C. HOYT.
 “ 3.—OSCAR F. LUCAS. “ 6.—GEORGE WARREN.
 Ward 7.—JOHN WARNER.

*Resigned, March 24. E. W. Converse elected to fill vacancy, April 26.

†Resigned, September 22.

JOHN WARNER, *Clerk of Board.*

JOHN WARNER, *City Almoner.*

NATHANIEL D. MOODY, *Warden of Almshouse.*

FIRE DEPARTMENT.

HENRY L. BIXBY, *Chief Engineer.*

WILLIAM BEMIS, *Assistant Engineer.*

TRUSTEES OF PUBLIC LIBRARY.

From the Board of Aldermen.

JAMES R. DEANE, M.D.

From the Common Council.

NATHAN MOSMAN.

At Large.

GEORE H. JONES.

B. K. PIERCE.

JOHN S. FARLOW.

JAMES F. C. HYDE.

JULIUS L. CLARKE.

GEORGE H. JONES, *President.*

B. K. PIERCE, *Superintendent.*

HANNAH P. JAMES, *Librarian.*

POLICE DEPARTMENT.

RIVILO L. HINDS, *City Marshal.*

CHARLES F. RICHARDSON, *Sergeant of Police.*

Police Officers.

JAMES D. HENTHORN.

JOHN RYAN.

WILLIAM C. EMERSON.

CHARLES P. HEUSTIS.

NOAH F. BOSWORTH.

ROBERT S. HARRISON.

GEORGE E. F. BAKER.

CHARLES E. DAVIS.

CHARLES O. DAVIS.

GEORGE H. MARSH.

EDWIN G. HURD.

CHARLES S. BOOTHBY.

R. ORLANDO EVANS.*

FRANK B. FLETCHER.

* Resigned, May 3. Edson C. Holmes appointed to fill vacancy.

WARD OFFICERS.

WARD ONE.

Warden, JOHN M. FISK ; *Clerk*, CHARLES A. DREW ; *Inspectors*, IRA S. FRANKLIN, DEXTER WHIPPLE, HIRAM S. CATE.

WARD TWO.

Warden, GEORGE E. BRIDGES ; *Clerk*, R. P. GOULD ; *Inspectors*, HENRY P. DEARBORN, LAWRENCE H. CRANITCH, JAMES D. BILLINGS.

WARD THREE.

Warden, GEORGE H. INGRAHAM ; *Clerk*, CHARLES L. CLARK ; *Inspectors*, GEORGE DIX, THOMAS B. FITZ, SAMPSON R. URBINO.

WARD FOUR.

Warden, CHARLES A. MOULTON ; *Clerk*, HENRY H. MATHER ; *Inspectors*, BERNARD EARLY, EUGENE B. BAKER, JOHN P. R. SHERMAN.

WARD FIVE.

Warden, ALBERT I. GROVER ; *Clerk*, ELLIOTT J. HYDE ; *Inspectors*, JOHN T. THOMASON, HARLEY A. SMITH, FRANK CLEMENT.

WARD SIX.

Warden, EDWARD H. MASON ; *Clerk*, GEORGE G. GAMMANS ; *Inspectors*, FRANK EDMANDS, CHARLES S. YOUNG, SAMUEL M. JACKSON.

WARD SEVEN.

Warden, FREDERICK JACKSON ; *Clerk*, J. EDWIN WARNER ; *Inspectors*, HOSEA HYDE, JAMES W. FRENCH, CHARLES W. BASSETT.

OFFICERS
OF THE
NEWTON CITY GOVERNMENT,
1881.

MAYOR.
ROYAL M. PULSIFER.

BOARD OF ALDERMEN.
DWIGHT CHESTER, *President*.

WARD ONE.
D. W. FARQUHAR.

WARD TWO.
J. WESLEY KIMBALL.

WARD THREE.
GEORGE E. ALLEN.

WARD FOUR.
CHARLES C. BURR.

WARD FIVE.
JAMES R. DEANE.

WARD SIX.
DWIGHT CHESTER.

WARD SEVEN.
WILLIAM P. ELLISON.

COMMON COUNCIL.
JOHN Q. HENRY, *President*.

WARD ONE.
LEVI B. GAY.
EDWARD W. CATE.

WARD TWO.
AUSTIN R. MITCHELL.
GEORGE L. WHITNEY.

WARD THREE.
WILLIAM DIX.
HENRY A. INMAN.

WARD FOUR.
NATHAN MOSMAN.*
ALFRED PILLSBURY, JR.

* Resigned, January 26. David T. Bunker elected to fill vacancy, February 15.

WARD FIVE.

FRANK CLEMENT.
ALSON A. SMITH.

WARD SIX.

EDWARD B. BOWEN.
WILLIAM B. YOUNG.

WARD SEVEN.

JOHN Q. HENRY. EDWIN W. GAY.

Clerk of Common Council.

HOSEA HYDE.

City Treasurer and Collector of Taxes.

JOHN A. KENRICK.

City Clerk and Clerk of Board of Aldermen.

EDWIN O. CHILDS.

City Auditor and Clerk of Committees.

BENJAMIN F. OTIS.

City Solicitor.

City Engineer.

ALBERT F. NOYES.

Superintendent of Streets.

WILLIAM E. FULLER.

Water Registrar.

ALBERT S. GLOVER.

Superintendent of Water Works.

N. H. HYDE, JR.

Health Officer.

NATHAN MOSMAN.

City Messenger.

JOSEPH D. WELLINGTON.

ASSESSORS' DEPARTMENT.

Assessors.

ISAAC HAGAR, *Chairman*, . . . Term expires January, 1883.
 HOWARD B. COFFIN, *Secretary*, . . . Term expires January, 1884.
 SAMUEL M. JACKSON, . . . Term expires January, 1882.

Assistant Assessors. — Elected Annually.

Ward 1.—ORRIN WHIPPLE. Ward 4.—RUFUS MOULTON.
 “ 2.—JOSEPH WALKER. “ 5.—S. N. WOODWARD.
 “ 3.—OSCAR F. LUCAS. “ 6.—GEORGE WARREN.
 Ward 7. — JOHN WARNER.

SCHOOL COMMITTEE.

HON. ROYAL M. PULSIFER, *Mayor, Chairman, ex officio*.
 JOHN. Q. HENRY, *President Common Council, ex officio*.
 REV. AMOS E. LAWRENCE, *Chairman*.
 ISAAC HAGAR, *Secretary*.
 EPHRAIM HUNT, LL.D., *Superintendent*.

*Elective Members.**Present Term of Office.*

Ward 1.—EDMUND W. CONVERSE,	Expires January, 1883.
THOMAS MARCY, . . .	Expires January, 1883.
“ 2.—E. FRANK HOWE, . . .	Expires January, 1883.
A. AMELIA SMEAD, . . .	Expires January, 1883.
“ 3.—JULIUS L. CLARKE, . . .	Expires January, 1882.
ELIJAH W. WOOD, . . .	Expires January, 1882.
“ 4.—WILLIAM S. SMITH, . . .	Expires January, 1882.
ISAAC HAGAR, . . .	Expires January, 1882.
“ 5.—JOHN A. GOULD, . . .	Expires January, 1884.
GEORGE D. ELDRIDGE,*	Expires January, 1884.
“ 6.—EMILY W. HYDE, . . .	Expires January, 1884.
AMOS E. LAWRENCE, . . .	Expires January, 1884.
“ 7.—GEORGE W. SHINN, . . .	Expires January, 1884.
LINCOLN R. STONE, . . .	Expires January, 1882.

* Resigned, February 23.

District Committees.

NEWTON-CENTRE DISTRICT.

AMOS E. LAWRENCE,	.	.	.	Newton Centre.
EMILY W. HYDE,	.	.	.	Newton Highlands.
JOHN A. GOULD,	.	.	.	Newton Upper Falls.
GEORGE D. ELDRIDGE,	.	.	.	Newton Highlands.
JOHN Q. HENRY,	.	.	.	Newton.

UPPER-FALLS DISTRICT.

JOHN A. GOULD,	.	.	.	Newton Upper Falls.
EMILY W. HYDE,	.	.	.	Newton Highlands.
AMOS E. LAWRENCE,	.	.	.	Newton Centre.
GEORGE D. ELDRIDGE,	.	.	.	Newton Highlands.
ISAAC HAGAR,	.	.	.	Newton Lower Falls.

LOWER-FALLS DISTRICT.

WILLIAM S. SMITH,	.	.	.	Auburndale.
ELIJAH W. WOOD,	.	.	.	West Newton.
ISAAC HAGAR,	.	.	.	Newton Lower Falls.

WEST-NEWTON DISTRICT.

JULIUS L. CLARKE,	.	.	.	West Newton.
E. FRANK HOWE,	.	.	.	Newtonville.
ELIJAH W. WOOD,	.	.	.	West Newton.
WILLIAM S. SMITH,	.	.	.	Auburndale.
A. AMELIA SMEAD,	.	.	.	Newtonville.

NEWTONVILLE DISTRICT.

E. FRANK HOWE,	.	.	.	Newtonville.
A. AMELIA SMEAD,	.	.	.	Newtonville.
LINCOLN R. STONE,	.	.	.	Newton.
EDMUND W. CONVERSE,	.	.	.	Newton.
THOMAS MARCY,	.	.	.	Newton.

NEWTON DISTRICT.

LINCOLN R. STONE,	.	.	.	Newton.
THOMAS MARCY,	.	.	.	Newton.
GEORGE W. SHINN,	.	.	.	Newton.
EDMUND W. CONVERSE,	.	.	.	Newton.
JOHN Q. HENRY,	.	.	.	Newton.

Standing Committees of the Board.

High School. — Amos E. Lawrence, Elijah W. Wood, E. Frank Howe, William S. Smith, George W. Shinn, Edmund W. Converse, George D. Eldridge, Mayor, *ex officio*.

Rules and Regulations. — George W. Shinn, Amos E. Lawrence, George D. Eldridge.

Accounts and Printing. — Isaac Hagar, Elijah W. Wood, Julius L. Clarke.

Schoolhouses. — Isaac Hagar, John A. Gould, Lincoln R. Stone.

Salaries. — E. Frank Howe, George W. Shinn, John Q. Henry.

Text-books. — Amos E. Lawrence, William S. Smith, Julius L. Clarke.

Music. — Lincoln R. Stone, A. Amelia Smead, Emily W. Hyde.

Drawing and Writing. — A. Amelia Smead, Thomas Marcy, Emily W. Hyde.

Industrial Drawing. — Elijah W. Wood, Thomas Marcy, John Q. Henry.

Evening Schools. — Lincoln R. Stone, Thomas Marcy, George W. Shinn.

POOR DEPARTMENT.

Board of Overseers.

THE MAYOR, *ex officio* Chairman.

Ward 1. — CHARLES F. RAND. Ward 4. — NATHAN MOSMAN.

“ 2. — OLIVER B. LEAVITT. “ 5. — HOSEA C. HOYT.

“ 3. — OSCAR F. LUCAS. “ 6. — GEORGE WARREN.

Ward 7. — JOHN WARNER.

NATHAN MOSMAN, *Clerk of Board*.

NATHAN MOSMAN, *City Almoner*.

NATHANIEL D. MOODY, *Warden of Almshouse*.

FIRE DEPARTMENT.

HENRY L. BIXBY, *Chief Engineer*.

WILLIAM BEMIS, *Assistant Engineer*.

TRUSTEES OF PUBLIC LIBRARY.

From the Board of Aldermen.

CHARLES C. BURR.

Committee on Fire Department.

Alderman J. Wesley Kimball. Alderman David W. Farquhar.
Councilman Edward B. Bowen. Councilman William Dix.
Councilman Alson A. Smith.

Committee on Highways.

Alderman Charles C. Burr. Alderman Dwight Chester.
President John Q. Henry. Councilman George L. Whitney.
Councilman Henry A. Inman.

Committee on Printing.

Alderman Dwight Chester.
Councilman Edwin W. Gay. Councilman Frank Clement.

Committee on Ordinances.

Alderman Dwight Chester.
Alderman George E. Allen. Councilman Levi B. Gay.
Councilman Edward W. Cate. Councilman George L. Whitney.

Committee on Claims.

Alderman Dwight Chester. Alderman David W. Farquhar.
President John Q. Henry.
Councilman Levi B. Gay. Councilman William B. Young.

Committee on Water.

Alderman William P. Ellison. Alderman J. Wesley Kimball.
Councilman Edward W. Cate. Councilman Henry A. Inman.
Councilman David W. Bunker.

Committee on Almshouse and Poor.

Alderman James R. Deane.
Councilman George L. Whitney. Councilman William B. Young.

Committee on Assessors' Department.

Alderman David W. Farquhar.
Councilman Austin R. Mitchell. Councilman Alson A. Smith.

Highway Surveyors.

Alderman Charles C. Burr. Alderman Dwight Chester.
Alderman J. Wesley Kimball.
President John Q. Henry. Councilman Henry A. Inman.





STANDING COMMITTEES OF THE BOARD OF ALDERMEN.

Committee on Elections and Returns.

Alderman David W. Farquhar. Alderman J. Wesley Kimball.

Committee on enrolled Ordinances and Resolutions.

Alderman James R. Deane. Alderman George E. Allen.

STANDING COMMITTEES OF THE MAYOR AND ALDERMEN.

Committee on Police.

The MAYOR.

Alderman William P. Ellison. Alderman J. Wesley Kimball.

Committee on Streets and Ways, Sidewalks, Drains and Sewers.

Alderman Charles C. Burr. Alderman Dwight Chester.

Alderman J. Wesley Kimball.

Committee on Licenses, Weights and Measures.

Alderman James R. Deane. Alderman George E. Allen.

STANDING COMMITTEE OF THE BOARD OF HEALTH.

Alderman James R. Deane. Alderman David W. Farquhar.

Alderman George E. Allen.

STANDING COMMITTEES OF THE COMMON COUNCIL.

Committee on enrolled Ordinances and Resolutions.

Councilman Levi B. Gay.

Councilman William B. Young. Councilman Alfred Pillsbury, Jr.

Committee on Judiciary.

Councilman Edward W. Cate.

Councilman William Dix. Councilman Alson A. Smith.

Committee on Appropriations.

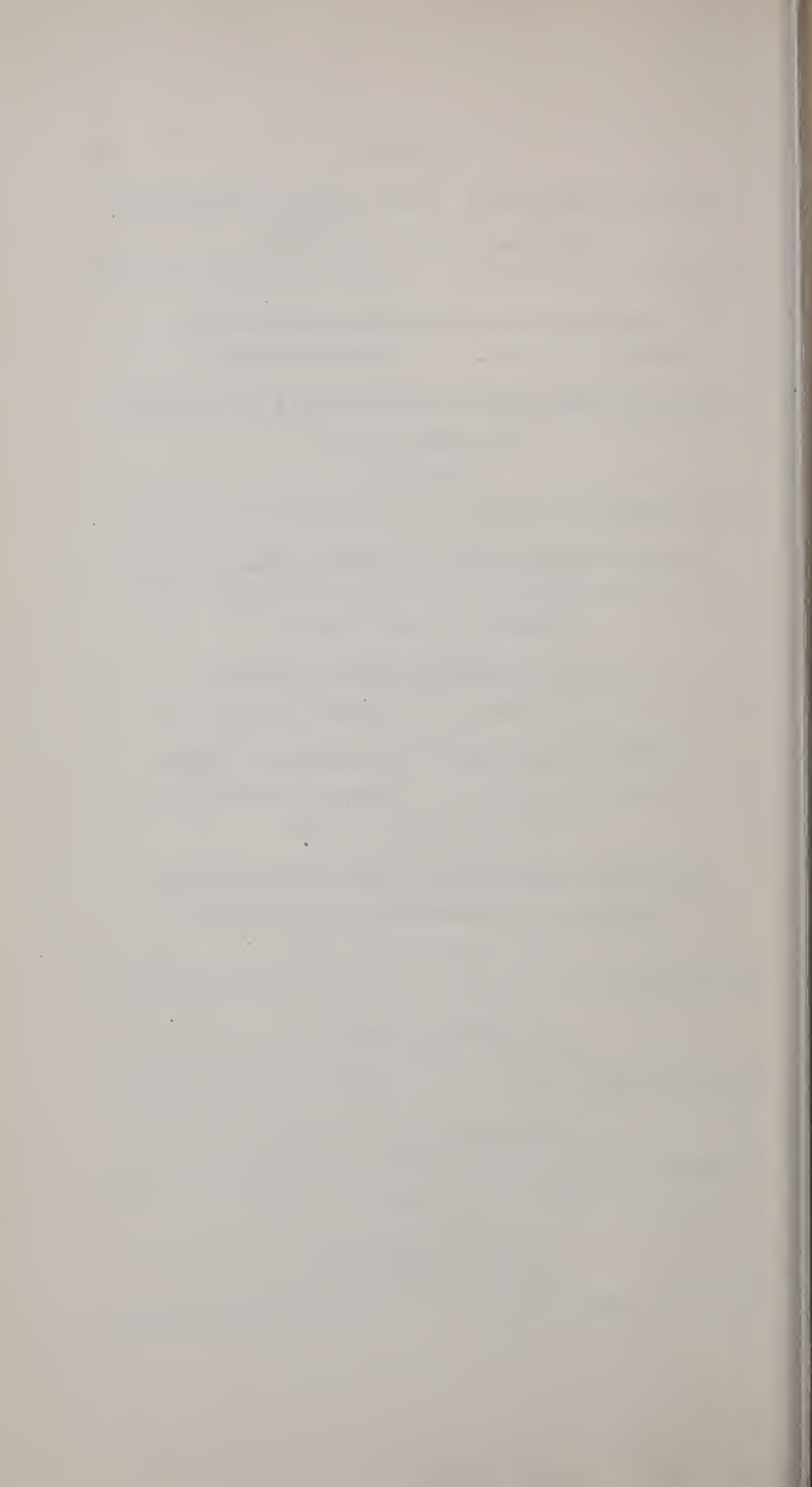
Councilman David T. Bunker. Councilman Alson A. Smith.

Councilman William B. Young.

Committee on Highways.

Councilman William Dix.

Councilman Edwin W. Gay. Councilman Frank Clement.



AUDITOR'S REPORT.

CITY OF NEWTON.

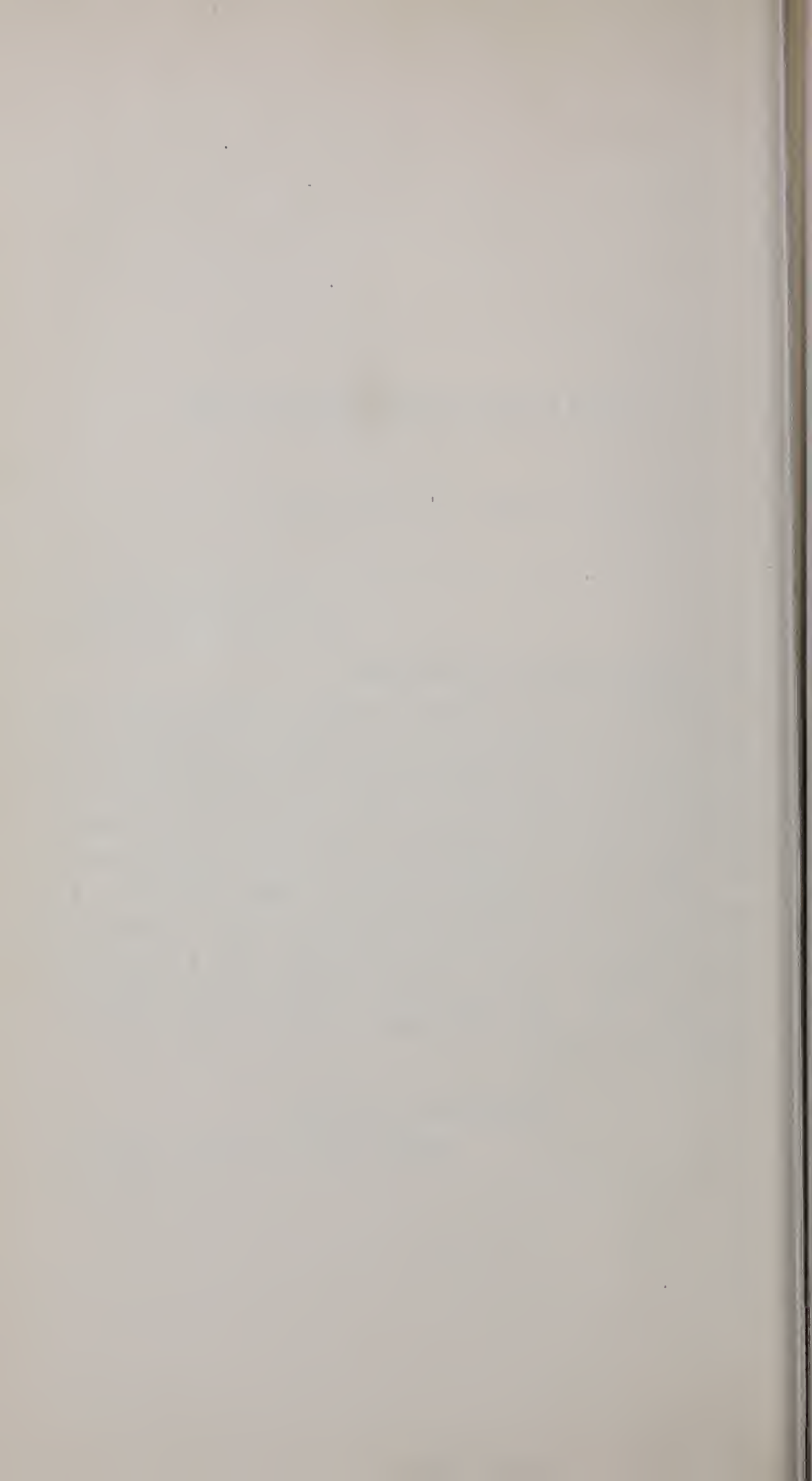
AUDITOR'S DEPARTMENT,
CITY HALL, February 28, 1881.

TO THE HONORABLE CITY COUNCIL :

Gentlemen,—In conformity with the requirements of Section 11 of Ordinance No. 2, relating to Finance, the undersigned presents herewith his Annual Report of the receipts and expenditures of the city of Newton for the financial year commencing January 1, and terminating December 31, 1880, with a detailed account of each department, a statement of the liabilities and assets, the rates of interest and times the notes and bonds are payable ; also a statement of the sinking funds, a schedule of the real and personal property, with other information relating to the financial matters of the city.

Respectfully submitted,

BENJAMIN F. OTIS, *Auditor.*



CITY TREASURER'S ACCOUNT.

CITY OF NEWTON IN ACCOUNT WITH JOHN A. KENRICK,
Treasurer and Collector.

Dr.

To Cash paid as per following Accounts :

Almshouse Expenses and Repairs,	\$3,663 94
Armory Rent and Expenses,	1,212 18
Board of Health,	4,126 94
Books, Stationery and Printing,	2,483 92
Burial Grounds,	137 90
Commonwealth of Massachusetts Na- tional Bank Tax,	806 28
Commonwealth of Massachusetts Cor- poration Tax,	2 98
Commonwealth of Massachusetts State Tax,	24,120 00
County of Middlesex Tax of 1880,	12,120 60
City Engineer's Department,	4,695 85
City Hall,	1,643 45
Conveyance of Pupils,	675 00
Curbing,	900 00
Drains and Culverts,	5,900 62
Evening Schools,	538 88
<i>Amount carried forward,</i>	<hr/> \$63,028 54

<i>Amount brought forward,</i>	\$63,028 54
Fire Department,	21,774 63
General Appropriation for Schools,	72,692 79
Gravel Land,	7,795 80
Highway General Repairs,	41,825 56
Highway Widening and Improve- ments,	3,511 98
Improvement on Public Squares,	500 00
Indigent Soldiers and Sailors,	752 00
Interest on City Loans, temporary and permanent,	26,923 13
Interest on Water Bonds,	47,750 00
Kenrick Fund,	1,181 07
Land Damage,	8,000 00
Lighting Streets,	18,782 04
Mason School,	1,739 56
Memorial Day,	300 00
Miscellaneous Expenses,	7,419 18
Newton Free Library,	7,459 11
Newton Free Library, Catalogue Account,	722 50
Overlay and Abatement, 1877,	6 80
Overlay and Abatement, 1878,	86 94
Overlay and Abatement, 1879,	503 67
Overlay and Abatement, 1880,	4,561 34
Police Department,	16,578 40
Poor out of Almshouse,	6,244 40
Public Property,	4,907 02
Salaries,	12,759 94
School Incidentals and Repairs,	9,571 28
Sidewalks,	3,650 00
Sinking Fund on City Debt,	12,750 00
<i>Amount carried forward,</i>	<hr/> \$403,777 68

<i>Amount brought forward,</i>	\$403,777 68
Sinking Fund on Water Bonds,	14,500 00
State Aid,	1,187 00
Temporary Loans,	210,000 00
Use of Hydrants,	7,600 00
Water Construction,	23,401 19
Water Maintenance,	9,363 92
Water Maintenance, Metres and Service Pipes,	4,417 01
Water Maintenance, special,	535 00
Balance in Treasury December 31, 1880,	5,128 14
	<hr/> \$679,909 94

Cr.

By Cash Received as per following Accounts :

Balance in Treasury December 31, 1879,	\$56,614 73
Alms-house,	1,535 76
Armory,	400 00
City Engineers,	37 50
City Hall,	1,162 00
Corporation Tax,	22,108 20
Dog Tax,	712 50
Fire Department,	149 00 -
Funded Debt, Water Scrip,	20,000 00
Gravel Land,	267 12
Highways,	346 90
Interest on Taxes,	1,424 80
Interest on Deposits,	1,041 36
Kenrick Fund,	175 00
Lighting Streets,	88 57
<i>Amount carried forward,</i>	<hr/> \$106,063 44

<i>Amount brought forward,</i>	\$106,063 44
National Bank Tax from Common- wealth of Massachusetts,	13,963 52
Newton Free Library, Catalogue Account,	106 50
Police Department,	650 00
Poor out of Almshouse,	1,057 41
Public Property,	812 92
Record and other Fees,	188 25
Sidewalks and Curbing,	1,144 87
State Aid,	1,108 50
Suspense Account,	22 50
Taxes of 1871,	2 80
Taxes of 1873,	20 00
Taxes of 1874,	2 00
Taxes of 1875,	2 00
Taxes of 1876,	51 64
Taxes of 1877,	9 12
Taxes of 1878,	669 79
Taxes of 1879,	51,616 99
Taxes of 1880,	306,637 21
Temporay Loans,	155,000 00
Tuition for Non-Resident Pupils,	851 50
Water Construction,	501 48
Water Maintenance, Metres and Service Pipes,	5,692 92
Water Rates,	26,282 31
Water Rates by Metre,	7,452 27
	<hr/> \$679,909 94

JOHN A. KENRICK,

Treasurer and Collector,

City of Newton.

NEWTON, December 31, 1880.

CITY OF NEWTON,

In Committee, January 1, 1881.

The Joint Standing Committee on Finance having attended to their duty, as required by Section 14 of Ordinance No 2, beg leave to report that they have examined the books and accounts of the Treasurer and Collector for the financial year of 1880, and find that they are correctly and carefully kept in every particular, as usual, and all the payments are properly vouched up to date.

That the total cash receipts of the year ending

Dec. 31, 1880, were,	\$623,295 21
And cash on hand Dec. 31, 1879,	56,614 73
	<hr/>
	\$679,909 94

And the payments of the year were,	674,781 80
	<hr/>

Leaving on hand at close of business Dec. 31,

1880,	\$5,128 14
-------	------------

which balance has been verified by examination of the Bank Balances to the credit of the City, and cash, and cash items in the office.

They further report that there remain due and uncollected the following taxes and assessments :

Taxes of 1871,	\$33 04
" 1872,	108 39
" 1873,	170 70
" 1874,	1,090 76
" 1875,	1,686 58
" 1876,	1,729 92
" 1877,	2,134 92
" 1878,	880 30
" 1879,	1,227 59
	<hr/>

<i>Amount carried forward,</i>	\$9,062 20
--------------------------------	------------

<i>Amount brought forward,</i>	\$9,062 20
Taxes of 1880,	55,193 37
Sidewalk and Curbing Assessments,	114 87
Betterments on drain in Wards 1 and 2,	8,342 55
	<hr/>
	\$72,712 99

Respectfully submitted,

WILLIAM P. ELLISON,	} <i>Committee</i> <i>on Finance.</i>
E. R. SECCOMB,	
CHARLES C. BARTON,	
J. Q. HENRY,	
GEO. E. WALES,	

LIABILITIES OF THE CITY OF NEWTON TO DECEMBER 31, 1880, INCLUSIVE.

Water Loan,	\$855,000 00	
Accrued Interest on same,	24,300 00	
	<hr/>	\$879,300 00
Town and City Notes,	\$323,000 00	
Accrued Interest on same,	4,228 72	
	<hr/>	327,228 72
Municipal Bonds,	\$34,000 00	
Accrued Interest on same,	850 00	
	<hr/>	34,850 00
Temporary Loan,	\$5,000 00	
Uninvested portion of Principal of		
Kenrick Fund,	500 00	
Mayor's Warrants unpaid, Appropriations, &c.,	\$24,144 07	
Mayor's Warrants unpaid, Water Construction,	475 43	
	<hr/>	24,619 50
		<hr/>
		\$1,271,498 22

DETAILED STATEMENT OF ASSETS.

Balance of Taxes, 1871,	\$33 04	
" 1872,	108 39	
" 1873,	170 70	
" 1874,	1,090 76	
" 1875,	1,686 58	
" 1876,	1,729 92	
" 1877,	2,134 92	
" 1878,	880 30	
" 1879,	1,227 59	
" 1880,	55,193 37	
	<hr/>	
	\$64,255 57	
Due from Commonwealth of Massachusetts, as follows :		
State aid furnished in 1880 and previous years,	\$1,700 00	
Balance of Corporation Tax,	800 00	
Armory rent for 1880,	400 00	
Due from County Treasurer :		
Dog Tax for 1880,	675 00	
Due from miscellaneous sources ; viz.,		
From sundry persons for Better- ments on Drain in Wards 1 and 2,	8,342 55	
From sundry persons for Side- walks and Curbing Assess- ments,	114 87	
From D. C. Morgan, balance of Rent due	250 00	
Cash on hand :		
City Account,	\$2,080 47	
	<hr/>	
<i>Amts. carried for'd,</i>	\$2,080 47	\$76,537 99

<i>Amts. brought for'd,</i>	\$2,080 47	\$76,537 99
Water Construction,	3,047 67	
	<u> </u>	\$5,128 14

Sinking Funds.

Water Loan Sinking Fund,		
Water Bonds,	\$64,000 00	
Cash on hand,	2,188 24	
	<u> </u>	\$66,188 24
City Debt Sinking Fund,		
Water Bonds,	\$11,000 00	
Cash on hand,	24,189 77	
	<u> </u>	\$35,189 77
		<u> </u> \$183,044 14
		<u> </u> \$1,088,454 08

RECAPITULATION.

Water Debt.

Water Loan,	\$855,000 00	
Accrued Interest on same,	24,300 00	
Mayor's Warrants unpaid for		
Construction,	475 43	
	<u> </u>	\$879,775 43
Cash on hand for Construction,	\$3,047 67	
Sinking Fund,	66,188 24	
	<u> </u>	\$69,235 91
		<u> </u>
Net Water Liability,		\$810,539 52

City Debt Exclusive of Water Debt.

Town and City Notes,	\$323,000 00	
Accrued Interest on same,	4,228 72	
	<u> </u>	\$327,228 72
Municipal Bonds,	\$34,000 00	
	<u> </u>	<u> </u>
<i>Amounts carried forward,</i>	\$34,000 00	\$327,228 72

<i>Amounts brought forward,</i>	\$34,000 00	\$327,228 72
Accrued Interest on same,	850 00	
	<hr/>	\$34,850 00
Temporary Loan,		5,000 00
Uninvested portion of principal of Kenrick Fund,		500 00
Mayor's Warrants unpaid,		24,144 07
		<hr/>
		\$391,722 79
Cash on hand,	\$2,080 47	
Sinking Fund,	35,189 77	
Balance Taxes uncollected,	64,255 57	
Other Assets uncollected,	12,282 42	
	<hr/>	\$113,808 23
		<hr/>
Net City Liability,		\$277,914 56

RECEIPTS.

The receipts for the year ending December 31, 1880, are shown in the aggregates, as credited in the following accounts : —

No. of Account.		
1.	Almshouse,	\$1,535 76
2.	Armory,	400 00
3.	City Engineer's Department,	37 50
4.	City Hall,	1,162 00
5.	Corporation Tax,	22,108 20
6.	Dog Tax,	712 50
7.	Fire Department,	149 00
8.	Funded Debt, Water Bonds,	20,000 00
9.	Gravel Land,	267 12
10.	Highway Department,	346 90
		<hr/>
	<i>Amount carried forward,</i>	\$46,718 98

<i>Amount brought forward,</i>	\$46,718 98
11. Interest on Taxes,	1,424 80
12. Interest on Deposits,	1,041 36
13. Kenrick Fund Income,	175 00
14. Lighting Streets,	88 57
15. National Bank Tax,	13,963 52
16. Newton Free Library (catalogue account),	106 50
17. Police Department,	650 00
18. Poor out of Almshouse,	1,057 41
19. Public Property,	812 92
20. Record and other Fees,	188 25
21. Sidewalks and Curbing,	1,144 87
22. State Aid,	1,108 50
23. Suspense Account,	22 50
24. Taxes, 1871,	2 80
25. Taxes, 1873,	20 00
26. Taxes, 1874,	2 00
27. Taxes, 1875,	2 00
28. Taxes, 1876,	51 64
29. Taxes, 1877,	9 12
30. Taxes, 1878,	669 79
31. Taxes, 1879,	51,616 99
32. Taxes, 1880,	306,637 21
33. Temporary Loans,	155,000 00
34. Tuition for Non-resident Pupils,	851 50
35. Water Construction,	501 48
36. Water Rates,	26,282 31
37. Water Rates by Metre,	7,452 27
38. Water Maintenance, Metres and Service Pipe,	5,692 92
Total Receipts,	<u>\$623,295 21</u>

EXPENSES.

The claims for the year ending December 31, 1880, as approved and drawn for in the Auditor's Office, are shown in the aggregates as charged to the following accounts : —

No. of Account.		
1.	Almshouse Expenses and Repairs,	\$3,570 83
2.	Armory Rent and Expenses,	1,209 88
3.	Books, Stationery and Printing,	2,645 78
4.	Burial Grounds,	137 90
5.	Conveyance of Pupils,	750 00
6.	Curbing,	900 00
7.	City Hall, Fuel, Lights and Contingent Expenses,	1,557 94
8.	City Engineer's Department,	4,998 43
9.	Drains and Culverts,	5,900 00
10.	Evening Schools,	396 01
11.	Fire Department,	21,984 20
12.	Gravel Land,	7,828 20
13.	Highways, general repairs,	39,795 00
14.	Highways, Widening and Improvements,	4,231 72
15.	Interest on City Loans, Temporary and Permanent,	26,966 00
16.	Indigent Soldiers and Sailors,	786 00
17.	Interest on Water Bonds,	47,750 00
18.	Improvements on Public Squares,	500 00
19.	Kenrick Fund Income,	1,181 07
20.	Land Damages,	8,706 93
21.	Lighting Streets,	18,404 18
22.	Memorial Day,	300 00
23.	Miscellaneous Expenses,	8,432 66
24.	Newton Free Library,	7,429 93
	<i>Amount carried forward,</i>	<hr/> \$216,362 66

<i>Amount brought forward,</i>	\$216,362 66
25. Police Department,	16,777 94
26. Poor out of Almshouse,	6,455 80
27. Public Property,	4,932 10
28. Schools, General Appropriation,	72,613 34
29. School Incidentals and Repairs,	9,854 12
30. Mason School Building (special),	1,833 74
31. Sidewalks,	3,650 00
32. Sinking Fund, Water Bonds,	14,500 00
33. Sinking Fund, City Debt,	12,750 00
34. Salaries,	12,835 00
35. State Aid,	1,189 00
36. Taxes, State,	24,120 00
37. Taxes, County,	12,120 60
38. Taxes, National Bank,	806 28
39. Taxes, Corporation,	2 98
40. Temporary Loans,	210,000 00
41. Use of Hydrants,	7,600 00
42. Water Maintenance,	9,223 70
43. Water Maintenance, Metre and Service Pipe,	4,212 24
44. Water Maintenance (special),	535 00
45. Water Construction,	19,088 93
Total Expenses,	<hr/> \$661,463 43

Table Showing Appropriations, Transfers, Mayor's Warrants, Treasurer's Payments, Differences, Excess & Deficiency Acc't.

OBJECT OF APPROPRIATION.	Appropriations for 1880.	Transfers.	Total Appropriations.	Mayor's Warrants.	Treasurer's Payments.	Differences.	Excess and Deficiency Account.	
							Overdrawn	Unexpended.
1 Almshouse Expenses and Repairs,	\$3,500 00	\$70 83	\$3,570 83	\$3,570 83	\$3,663 94	\$93 11		
2 Armory Rent and Expenses,	1,200 00		1,200 00	1,209 88	1,212 18	2 30	\$9 88	\$54 22
3 Books, Stationery and Printing,	2,700 00		2,700 00	2,645 78	2,483 92	- 161 86		62 10
4 Burial Grounds,	200 00		200 00	137 90	137 90	-		
5 Conveyance of Pupils,	900 00	150 00	750 00	750 00	675 00	- 75 00		
6 Curbing, \$500 00 }	900 00		900 00	900 00	900 00			
7 Special Appropriation, 400 00 }	1,600 00		1,600 00	1,557 94	1,643 45	85 51		42 06
8 City Hall Expenses,	5,000 00		5,000 00	4,998 43	4,695 85	- 302 58		1 57
9 City Engineer's Department,	6,250 00	350 00	5,900 00	5,900 00	5,900 62	62		
10 Drains and Culverts,	500 00	103 99	396 01	396 01	538 88	142 87		
11 Evening Schools,								
12 Fire Department, . . \$21,850 00 }	21,990 00		21,990 00	21,984 20	21,774 63	- 209 57		5 80
13 Special Appropriation, 140 00 }								
14 General Appropriation								
for Schools, . . . \$72,500 00 }								
Dog Tax, . . . 712 50 }	73,212 50	599 16	72,613 34	72,613 34	72,692 79	79 45		
15 Gravel Land, . . . \$9,000 00 }								
Special Appropriation, 200 00 }	9,200 00	625 00	8,575 00	7,828 20	7,795 80	- 32 40		746 80
16 Highways, General Repairs,	40,000 00	1,400 00	41,400 00	39,795 00	41,825 56	2,030 56		1,605 00
17 Highways, Widening and Improvements,	5,150 00	800 00	4,350 00	4,231 72	3,511 98	- 719 74		118 28
18 Industrial & Mechanical Drawing,	300 00	97	299 03					299 03
19 Interest on City Loans, Temporary and Permanent,	29,000 00		29,000 00	26,966 00	26,923 13	- 42 87		2,034 00
20 Indigent Soldiers and Sailors,	800 00		800 00	786 00	752 00	- 34 00		14 00
21 Interest on Water Bonds,	47,875 00		47,875 00	47,750 00	47,750 00			125 00
22 Improvement on Public Squares,	500 00		500 00	500 00	500 00			
Land Damages,	9,000 00	275 00	8,725 00	8,706 93	8,000 00	- 706 93		18 07
Lighting Streets,	19,000 00		19,000 00	18,404 18	18,782 04	377 86		595 82

PERMANENT DEBT.—DESCRIPTIVE LIST.

	RATE.	DATE OF LOAN, ETC.	PAYABLE.	AMOUNT.	INTEREST, WHEN PAYABLE.
City Institution for Savings, Lowell,	6 per cent.	Oct. 2, 1867.	Oct. 2, 1884.	\$20,000 00	April and October.
" " "	6 "	Oct. 2, 1867.	Oct. 2, 1885.	20,000 00	" "
" " "	6 "	Oct. 2, 1867.	Oct. 2, 1886.	20,000 00	" "
" " "	6 "	Oct. 2, 1867.	Oct. 2, 1887.	20,000 00	" "
Commonwealth of Massachusetts,	6 "	April 1, 1868.	April 1, 1886.	60,000 00	" "
" " "	6 $\frac{1}{2}$ "	April 21, 1871.	April 21, 1888.	46,000 00	" "
" " "	6 "	April 22, 1870.	April 22, 1890.	20,000 00	" "
" " "	6 "	April 22, 1870.	April 22, 1892.	30,000 00	" "
" " "	6 "	March 9, 1875.	March 9, 1895.	47,000 00	March and Sept.
Boston Five Cents Savings Bank,	6 $\frac{1}{2}$ "	April 1, 1872.	April 1, 1883.	40,000 00	June 16 and Dec. 16.
Municipal Bonds, \$1,000 each, . . .	5 "	July 1, 1875.	July 1, 1895.	34,000 00	January and July.
Water Bonds, \$1,000 each, . . .	6 "	July 1, 1875.	July 1, 1905.	600,000 00	" "
" " \$1,000 each, . . .	5 "	July 1, 1875.	July 1, 1906.	250,000 00	" "
" " \$1,000 each, . . .	4 "	Oct. 1, 1880.	Oct. 1, 1910.	5,000 00	April and October.
				\$1,212,000 00	



STATEMENT OF THE KENRICK FUND.

The following is a statement of this Fund and its income,
January 1, 1881 : —

Amount invested,	\$3500 00
Cash uninvested,	500 00
	<hr/>
Total Fund,	<u>\$4000 00</u>
Income received in 1880,	\$231 07
Amount distributed,	181 07
	<hr/>
Balance,	\$50 00

The distribution of the income of this Fund has been made
in accordance with the terms of the donor, to persons enti-
tled to its benefits.

TAXES AND TAXABLE VALUATION.

The following will show the valuation of the property of
the city on which taxes were assessed for the year 1880,
with the amount of taxes and rate of taxation : —

Value of Real Estate,	\$17,718,270 00
Value of Personal Estate,	7,481,830 00
	<hr/>
	\$25,200,100 00
Taxable Value of Corporate Stocks,	\$1,485,000 00
Taxable Value of Bank Stocks,	900,000 00
	<hr/>
	<u>\$27,585,100 00</u>
City Appropriations for Current Expenses,	\$388,525 00
	<hr/>
<i>Amount carried forward,</i>	\$388,525 00

<i>Amount brought forward,</i>	\$388,525 00
Deduct Estimated Receipts for 1879,	72,700 00
	<hr/>
	\$315,825 00
State Tax,	24,120 00
County Tax,	12,120 60
Overlay and Supplementary Assessments,	9,073 80
Assessment on Corporate Stocks,	22,796 93
Assessment on Bank Stocks.	13,148 02
	<hr/>
Total Assessments,	\$397,084 35
Rate of Taxation, \$14 on \$1000.	

LEDGER BALANCES.

Cash, City Account,	\$2,080 47	
" Water "	3,047 67	
Kenrick Fund,		\$550 00
Taxes, 1871,	33 04	
Taxes, 1872,	108 39	
Taxes, 1873,	170 70	
Taxes, 1874,	1,090 76	
Taxes, 1875,	1,686 58	
Taxes, 1876,	1,729 92	
Taxes, 1877,	2,134 92	
Taxes, 1878,	880 30	
Taxes, 1879,	1,227 59	
Taxes, 1880,	55,193 37	
Sidewalk and Curbing Assessments,	114 87	
Betterment Assessments on Drain		
in Wards 1 and 2,	8,342 55	
Suspense Account,		516 63
	<hr/>	<hr/>
<i>Amounts carried forward,</i>	\$77,841 13	\$1,066 63

<i>Amounts brought forward,</i>	\$77,841 13	\$1,066 63
Trusted Account,		13 97
City of Newton,		411,356 96
Funded Debt Water Scrip,		855,000 00
“ “ City Notes,		323,000 00
“ “ City Bonds,		34,000 00
Temporary Loans,		5,000 00
Overlay and Abatement, 1878,		1,489 48
“ “ 1879,		2,414 64
“ “ 1880,		4,438 46
Public Property owned by the City,	732,130 75	
Water Construction, Cost of Water		
to date,	851,952 33	
Mayor's Warrants Unpaid Ac-		
counts of Appropriations,		24,144 07
	<u>\$1,661,924 21</u>	<u>\$1,661,924 21</u>

STATEMENT OF THE SINKING FUNDS.

SINKING FUND COMMISSIONERS, IN ACCOUNT WITH THE CITY OF NEWTON.

Water Loan Sinking Fund.

1880.

Jan. 1.	Balance on hand, Cash,	\$1,962 78	
	City of Newton Water		
	Bonds, 5%,	47,000 00	
		<u>47,000 00</u>	\$48,962 78
	By Interest on deposits in Bank,		97 38
	By six months' Interest on \$47,000,		
	5% Newton Water Bonds,		1,175 00
	By six months' Interest on \$62,000,		
	5% Newton Water Bonds,		1,550 00
			<u>1,550 00</u>
	<i>Amount carried forward,</i>		\$51,785 16

<i>Amount brought forward,</i>	\$51,785 16
By Appropriation for 1880, by City of Newton,	14,500 00
	<hr/>
	\$66,285 16

Dr.

To Accrued Interest on \$5000 Water Bonds, bought of City of Newton,	\$62 50
To Accrued interest on \$2000 Water Bonds, bought of City of Newton,	15 10
To Interest on \$3863.79 borrowed of City Debt Fund to purchase Bonds,	19 32
	<hr/>
	\$96 92

1881.

Jan. 1.	Balance on hand, Cash,	\$2,188 24	
	Invested in City of Newton		
	4% Water Bonds,	2,000 00	
	Invested in City of Newton		
	5% Water Bonds,	62,000 00	
		<hr/>	66,188 24
			<hr/>
			\$66,285 16

City Debt Sinking Fund.

1880.

Jan. 1.	Balance on hand, Cash,	\$3,445 98	
	Invested in Newton 5%		
	Water Bonds,	8,000 00	
	Loaned, with U.S. Bonds as Collateral,	10,000 00	
		<hr/>	\$21,445 98
	By Interest on Deposits and Loans,		616 45
	By one year's Interest on \$8000 New- ton Water Bonds,		400 00
			<hr/>
	<i>Amount carried forward,</i>		\$22,462 43

<i>Amount brought forward,</i>	\$22,462 43
By Appropriation for 1880 by City of Newton,	12,750 00
	<hr/>
	\$35,212 43

Dr.

To Accrued Interest on \$3000 Bonds bought of City of Newton,	\$22 66
--	---------

1881.

Jan. 1. Balance on hand, Cash,	\$24,189 77	
Invested in City of Newton		
5 % Water Bonds,	8,000 00	
Invested in City of Newton		
4 % Water Bonds,	3,000 00	
	<hr/>	35,189 77
		<hr/>
		\$35,212,43

ALDEN SPEARE, } *Sinking Fund*
 GEORGE C. LORD, } *Commissioners.*

STATEMENT IN DETAIL OF RECEIPTS.

Almshouse.

Received for support of Sally Pierce,	\$104 00
Received of N. D. Moody, Warden,	
for sale of Vegetables, etc.,	341 49
Received of N. D. Moody, Warden,	
for sale of Wood,	359 77
Received of N. D. Moody, Warden,	
for sale of Hay,	215 65
Received of N. D. Moody, Warden,	
for sale of Straw,	138 00
	<hr/>
<i>Amount carried forward,</i>	\$1,158 91

<i>Amount brought forward,</i>	\$1,158 91	
Received of N. D. Moody, Warden, for sale of Apples,	125 00	
Received of N. D. Moody, Warden, for sale of Rye,	74 00	
Received of N. D. Moody, Warden, board of E. Moody and wife,	86 00	
Received of N. D. Moody, Warden, board of Mary Ann Cass,	64 00	
Received of N. D. Moody, Warden, for sale of Cow,	25 00	
Received of Mr. Bacon, portion of bill, refunded,	2 85	
Total, as per item No. 1 of receipts,		\$1,535 76

Armory.

Received from Commonwealth of Massachusetts, for rent of Armory, as per item No. 2 of receipts,	\$400 00
---	----------

City Engineer's Department.

Received for sale of Horse, as per item No. 3 of receipts,	37 50
---	-------

City Hall.

Received for use of Hall, etc.,	\$662 00	
“ of Amos Stone, Treasurer County of Middlesex, for rent of Police Court Room,	500 00	
Total, as per item No. 4 of receipts,		\$1,162 00

Corporation Tax.

Received from Commonwealth of Massachusetts per item No. 5 of receipts,	\$22,108 20
---	-------------

Dog Tax.

Received from Amos Stone, Treasurer County of Middlesex, for Dog Tax, as per item No. 6 of receipts,	\$712 50
--	----------

Fire Department.

Received from H. L. Bixby, for sale of old hose,	\$108 00	
Received from H. L. Bixby, for sale of old pipe,	5 00	
Received from H. L. Bixby, for filling cisterns,	27 00	
Received from B. F. Harriman, for badge,	5 00	
Received from Albert Brackett, for felling trees,	2 50	
Received for old telegraph poles,	1 50	
	<hr/>	
Total, as per item No. 7 of receipts,		\$149 00

Funded Debt. Water Bonds.

Received from Commissioners of the Sinking Funds of the City of Newton, for fifteen Water Bonds 5%, \$1000 each,	\$15,000 00	
For five Water Bonds 4%, \$1000 each,	5,000 00	
	<hr/>	
Total, as per item No. 8 of receipts,		\$20,000 00

Gravel Land.

Received from George Hammell for house on Florence Street Gravel Lot,	\$200 00	
Received from Patrick Fitzpatrick for land on Faxon Street,	67 12	
	<hr/>	
Total, as per item No. 9 of receipts,		\$267 12

Highway Department.

Received from Dwight Chester, for sale of old fence,	\$2 00	
" W. H. Bustin refunded on bill,	2 00	
" Police Department for keeping horse,	65 15	
" W. E. Fuller, sale of sods,	2 50	
" Alden Speare for sods,	5 25	
" Almshouse Department for manure,	270 00	
	<hr/>	
Total, as per item No. 10 of receipts,		\$346 90

Interest on Taxes.

Received from sundry persons, Interest on Taxes, as per item, No. 11 of receipts	\$1,424 80
---	------------

Interest on Deposits.

Received from Newton National Bank and Na- tional Bank of the Commonwealth, on daily balances, as per item No. 12 of receipts,	\$1,041 36
---	------------

Kenrick Fund Income.

Balance uninvested, January 1, 1880,		
in City Treasury,	\$1,500 00	
Balance of Income on hand January		
1, 1880,	56 07	
	<hr/>	\$1,556 07
Income from Investments, as per		
item No. 13 of receipts,		\$175 00
		<hr/>
		\$1,731 07

Expended.

Distributed per order of Board of		
Aldermen,	\$181 07	
Loaned in accordance with the will of		
the donor,	1,000 00	
	<hr/>	
Total, as per item No. 19 of expenses,		\$1,181 07
		<hr/>
Balance uninvested January 1, 1881,	\$500 00	
Balance income on hand, January 1,		
1881,	50 00	
	<hr/>	\$550 00

Lighting Streets.

Rec'd from F. T. Cummings, for dam-		
age to post and lantern,	\$14 00	
" H. W. Crowell, for dam-		
age to post and lantern,	16 95	
" James Downing, for dam-		
age to post and lantern,	13 25	
" Thos. Shilliday, for dam-		
age to post and lantern,	18 50	
" James Schofield, for dam-		
	<hr/>	
<i>Amount carried forward,</i>	\$62 70	

<i>Amount brought forward,</i>	\$62 70	
age to post and lantern,	14 75	
Rec'd from J. S. Paine, for damage		
to post and lantern,	6 00	
" Daniel Warren, for dam-		
age to post and lantern,	5 12	
	<hr/>	
Total, as per item No. 14 of receipts,		\$88 57

National Bank Tax.

Received from Commonwealth of Massachusetts		
National Bank Tax, as per item No. 15 of		
receipts,		\$13,963 52

Newton Free Library. Catalogue Account.

Received from sale of Catalogues, as per item		
No. 16 of receipts,		\$106 50

Police Department.

Received of E. W. Cate, Clerk of Police Court,		
Officers' Fees, Fees for Witnesses, Fines		
and Costs, as per item No. 17 of receipts,		\$650 00

Poor out of Almshouse.

Rec'd from Commonwealth of Massa-		
chusetts for partial support,		
etc., of sundry persons,	\$261 37	
" City of Boston, for partial		
support of sundry persons,	273 86	
" City of Gloucester, for partial		
support of sundry persons,	44 00	
	<hr/>	
<i>Amount carried forward,</i>	\$579 23	

<i>Amount brought forward,</i>	\$579 23	
Rec'd from Town of Waltham, for partial support of sundry persons,	72 40	
" Town of Grafton, for partial support of sundry persons,	39 00	
" Town of Concord, for partial support of sundry persons,	30 88	
" Town of Pittsfield, for partial support of sundry persons,	9 25	
" Town of Bedford, for partial support of sundry persons,	9 15	
" Town of Topsfield, for partial support of sundry persons,	5 00	
Rec'd for partial support of Ada Bridges,	213 00	
" partial support of M. Richardson,	50 00	
" partial support of Wm. Carey,	29 50	
Rec'd from heirs of Maggie Murphy for funeral expenses,	20 00	
Total, as per item No. 18 of receipts,		\$1,057 41

Public Property.

Rec'd of R. T. Sullivan, for old engine house and land in Newton Upper Falls,	\$150 00	
" Mrs. E. P. Kimball, for land on Walnut St., Ward 2,	139 90	
Rec'd dividends on Insurance policies,	128 22	
" Rent of Prospect School-house Hall,	149 50	
" Rent of Mason School-house Hall,	81 25	
" Rent of Hyde School-house Hall,	22 50	
" Rent of house, Auburndale Ave.,	41 80	
<i>Amount carried forward,</i>	\$713 17	

<i>Amount brought forward,</i>	\$713 17	
Rec'd of D. C. Morgan, on account of rent of house Ward 7,	50 00	
" E. M. Fowle, Treasurer, for rent of Black Bass Pond,	25 00	
" J. D. Wellington on ac- count of settees,	4 75	
Rec'd for sale of old house in Ward 7,	20 00	
Total, as per item No. 19 of receipts,		\$812 92

Record and other Fees.

Received for Recording Mortgages, Marriage Certificates, Assign- ments, etc., as per item No. 20 of receipts,	\$188 25
--	----------

Sidewalks and Curbing.

Received from sundry persons, for laying Sidewalks and Curbing, as per item No. 21 of receipts,	\$1,144 87
---	------------

State Aid.

Received from Commonwealth of Massachusetts, on account of sundry persons, for State Aid,	\$807 50	
Also on account of Indigent Soldiers and Sailors,	245 00	
Amount covered into Treasury, not allowed,	56 00	
Total, as per item No. 22 of receipts,		\$1,108 50

Suspense Account.

Received from John A. Kenrick, City Treasurer, money withheld and uncalled for on account of State Aid, as per item No. 23 of receipts,	\$22 50
---	---------

Taxes, 1871.

Balance uncollected December 31, 1879,	\$35 84
Received from sundry persons since December 31, 1879, as per item No. 24 of receipts,	\$2 80

Balance uncollected December 31, 1880,	\$33 04
--	---------

Taxes, 1872.

Balance uncollected December 31, 1880,	\$108 39
--	----------

Taxes, 1873.

Balance uncollected December 31, 1879,	\$190 70
Received from sundry persons since December 31, 1879, as per item No. 25 of receipts,	\$20 00

Balance uncollected December 31, 1880,	\$170 70
--	----------

Taxes, 1874.

Balance uncollected December 31, 1879,	\$2,511 16
<i>Amount carried forward,</i>	\$2,511 16

<i>Amount brought forward,</i>	\$2,511 16
Received from sundry persons since December 31, 1879, as per item No. 26 of re- ceipts,	\$2 00
Poll and personal taxes abated by the Board of Assessors, by author- ity under chapter 77, acts of 1878, and chap- ter 43, acts of 1879,	\$1,418 40 1,420 40

Balance uncollected December 31, 1880,	\$1,090 76
--	------------

Taxes, 1875.

Balance uncollected December 31, 1879,	\$3,539 65
Received from sundry persons since December 31, 1879, as per item No. 27 of re- ceipts,	\$2 00
Poll and personal taxes, abated by the Board of Assessors, by author- ity under chapter 77, acts of 1878, and chap- ter 43, acts of 1879,	\$1,851 07 1,853 07

Balance uncollected December 31, 1880,	\$1,686 58
--	------------

Taxes, 1876.

Balance uncollected Dec. 31, 1879, \$4,324 25

Received from sundry
persons since Dec. 31,
1879, as per item No.
28 of receipts,

\$51 64

Poll and personal taxes
abated by the Board of
Assessors, by authority
under chap. 77, acts of
1878, and chap. 43, acts
of 1879,

2,542 69 \$2,594 33

Balance uncollected Dec. 31, 1880, \$1,729 92

Taxes, 1877.

Balance uncollected Dec. 31, 1879, \$2,144 04

Received from sundry persons since
Dec. 31, 1879, as per item No.
29 of receipts,

9 12

Balance uncollected Dec. 31, 1880, \$2,134 92

Taxes, 1878.

Balance uncollected Dec. 31, 1879, \$1,319 29

Received from sundry
persons since Dec. 31,
1879, as per item No.
30 of receipts,

\$669 79

Of the above amount,
deduct

230 80

which should have been
credited to receipts of
taxes of 1879,

438 99

Balance uncollected Dec. 31, 1880, \$880 30

Taxes, 1879.

Balance uncollected Dec. 31, 1879, \$53,087 44

Received from sundry
persons since Dec. 31,
1879, as per item No.

31 of receipts, \$51,616 99

Add amount deducted

from taxes of 1878, 230 80

\$51,847 79

Abated by Board of Al-
dermen,

12 06

51,859 85

Balance uncollected Dec. 31, 1880,

\$1,227 59

Taxes, 1880.

Amount assessed for

State Tax, \$24,120 00

Amount assessed for

County Tax, 12,120 60

City Tax, 315,825 00

Overlay and abatement, 8,999 80

Tax on Non-resident

Bank Shares, 765 18

\$361,830 58

Received from sundry persons to

Dec. 31, 1880, as per item No.

32 of receipts, \$306,637 21

Balance uncollected Dec. 31, 1880,

\$55,193 37

Temporary Loans.

Borrowed during the year by authority of the City Council
(in anticipation of taxes), for the payment of current ex-
penses :

Feb. 7, Commonwealth of Massachusetts, at $3\frac{3}{4}\%$ per annum,	\$60,000 00
June 7, Note of City of Newton discounted by Brewster, Bassett & Co., at $3\frac{1}{2}\%$ per annum,	60,000 00
Aug. 7, Suffolk Savings Bank, at 3% per annum,	30,000 00
Dec. 30, Note of City of Newton discounted by Brewster, Bassett & Co., at $4\frac{1}{2}\%$ per annum,	5,000 00
Total, as per item No. 33 of receipts,	<hr/> \$155,000 00

Tuition for Non-Resident Pupils.

Received from sundry Non-Residents, for Tuition, as per item No. 34 of receipts,	\$851 50
--	----------

Water Rates.

Received from sundry persons for use of Water, in 1880, as per item No. 36 of receipts,	\$26,282 31
---	-------------

Water Rates by Metre.

Received from sundry persons for use of Water by metre, in 1880, as per item No. 37 of receipts,	\$7,452 27
--	------------

Water Maintenance, Metres and Service Pipe.

Received from sundry persons for Metres and Service Pipe, in 1880, as per item No. 38 of receipts,	\$5,692 92
--	------------

STATEMENT IN DETAIL OF EXPENSES, WITH APPROPRIATIONS, TRANSFERS AND BALANCES.

Almshouse Expenses and Repairs.

Appropriation,		\$3,500 00
Transferred from appropriation for Poor out of Almshouse, by order of City Council,		70 83
		<hr/>
		\$3,570 83
N. D. Moody, services as Warden;	\$550 00	
N. D. Moody, sundry cash payments,	272 61	
John T. Moody, services at Almshouse,	75 00	
Mary E. Parker, " "	84 00	
Margaret Scannell " "	60 00	
Highway Department, for manure,	270 00	
Water Department, use of water,	45 00	
J. F. Brown, Treasurer, rent of pew,	33 86	
H. C. Hoyt, exchange on horse, etc.,	228 00	
E. Smead & Co., grain, etc.,	216 18	
J. Edward Hills, coal,	178 91	
E. & F. King, & Co., paints, oil, etc.,	104 79	
Luther H. Dana, groceries,	182 70	
H. A. Sherman, "	134 25	
J. W. Davis & Co., "	15 52	
H. W. Fanning & Son, groceries,	13 08	
Greenwood & Co., "	4 55	
W. P. Holden, "	3 45	
Reed, Hawkins & Reed, flour,	90 87	
J. F. C. Hyde, wood, hay, etc., at auction,	93 87	
Randall & Roffe, painting buildings,	83 12	
Bacon & Randall, provisions,	177 72	
C. W. Randall, "	46 17	
	<hr/>	<hr/>
<i>Amounts carried forward,</i>	\$2,963 65	\$3,570 83

<i>Amounts brought forward,</i>	\$2,963 65	\$3,570 83
W. Henry Brackett, provisions	28 71	
B. Randall, fish and oysters,	47 55	
E. G. Pond, lumber,	38 88	
Dr. James Utley, medical attendance,	25 00	
Alfred Pillsbury, Jr., medicines,	13 60	
G. H. Gregg, funeral expenses,	18 00	
James McGourty, "	16 00	
George H. Ellis, ice,	24 84	
E. A. Walker, material and labor,	40 51	
Milo Lucas, " "	16 39	
James A. Judd, " "	12 60	
John Hancock, " "	12 00	
J. Pulcifer, " "	4 74	
Otis Pettee & Co., " "	1 25	
J. M. Fowler, blacksmithing,	35 30	
F. & W. Clark, harness, etc.,	37 75	
F. Murdock & Co., supplies,	75 28	
Edward C. Holmes, "	54 31	
J. Henry Bacon, "	38 90	
J. T. Norris, "	25 16	
O. F. Lucas, "	23 64	
W. O. Colburn, "	11 07	
Whittemore Bros., "	5 70	
Total, as per item No. 1 of expenses,		\$3,570 83

ARMORY RENT AND EXPENSES.

Appropriation,		\$1,200 00
O. W. Turner, rent of Armory,	\$800 00	
B. S. Wetherbee, services as janitor,	250 00	
<i>Amounts carried forward,</i>	\$1,050 00	\$1,200 00

<i>Amounts brought forward,</i>	\$1,050 00	\$1,200 00
N. & W. Gas Light Co., gas,	97 15	
Water Department, use of water,	16 00	
J. Edward Hills, coal,	34 11	
Almshouse Department, wood,	8 00	
Albert Bracket, coal,	4 62	
	<hr/>	
Total, as per item No. 2 of expenses,		\$1,209 88
		<hr/>
Balance overdrawn, transferred into Treasury,		\$9 88

BOOKS, STATIONERY AND PRINTING.

Appropriation,		\$2,700 00
J. C. Clark Printing Co., Auditor's Report, &c.,	\$413 50	
Chas. H. Stacy, stamped envelopes, stamps, &c.,	382 47	
H. M. Stimson & Co., printing and advertising,	329 52	
Rand, Avery & Co., printing voting lists, &c.,	260 50	
Ward & Gay, stationery, etc.,	195 38	
W. L. Deland, printing, etc.,	143 00	
Hooper, Lewis & Co., books, sta- tionery, etc.,	141 30	
W. S. Varney, printing,	134 75	
Transcript Publishing Co., printing and advertising,	125 55	
Newton Republican, printing and ad- vertising,	86 25	
M. R. Warren, stationery, etc.,	69 59	
T. W. Ripley, printing, etc.,	61 50	
	<hr/>	<hr/>
<i>Amounts carried forward,</i>	\$2,343 31	\$2,700 00

<i>Amounts brought forward,</i>	\$2,343.31	\$2,700.00
Frank Fanning, printing tax bills,		
etc.,	49 44	
Rockwell & Churchill, printing, etc.,	48 67	
Pulsifer, Jordan & Co., " "	49 12	
J. Q. Bradish & Co., pens,	42 95	
Ira Bradley & Co., binding books,	26 50	
A. R. Gay & Co., inkstands, etc.,	16 77	
Sampson, Davenport & Co., Boston		
Directories,	15 00	
R. M. Pulsifer & Co., advertising,	10 88	
Russell & Richardson, engraving city seal,	9 00	
J. C. Brock, blank books,	8 00	
Fred. W. Berry, blank books,	7 50	
John Carter, envelopes,	6 50	
H. C. Whitcomb & Co., supplies,	3 84	
Newton Post Office, stamped envelopes,	3 60	
Sundry small bills,	4 70	
	<hr/>	
Total, as per item No. 3 of expenses,		2,645 78
		<hr/>
Balance unexpended, transferred into Treasury,		\$54 22

BURIAL GROUNDS.

Appropriation,		\$200 00
Newton Cemetery Corporation, ma-		
terial and labor,	\$137 90	
	<hr/>	
Total, as per item No. 4 of expenses,		137 90
		<hr/>
Balance unexpended, transferred into Treasury,		\$62 10

CONVEYANCE OF PUPILS.

Appropriation,	\$900 00	
Transferred to School Incidentals and Repairs,	150 00	
	<hr/>	\$750 00
James S. Newell,	\$750 00	
	<hr/>	
Total, as per item No. 5 of expenses,		\$750 00

CURBING.

Appropriation,	\$500 00	
Transferred from receipts, by order of City Council,	400 00	
	<hr/>	\$900 00
Noah Prescott, curb-stone,	\$425 98	
Highway Department, labor,	270 52	
Boston & Albany Railroad, freight,	203 50	
	<hr/>	
Total, as per item No. 6 of expenses,		\$900 00

CITY HALL.

Fuel, Lights and Contingent Expenses.

Appropriation,		\$1,600 00
Newton and Watertown Gas Light Co., gas,	\$329 95	
Wellington Burnett, gasoline, etc.,	112 33	
J. Edward Hills, coal,	268 99	
J. D. Wellington, sundry cash ex- penses,	110 31	
George F. Meacham, plans, etc.,	192 50	
New England Mutual Insurance Co., desks, etc.,	101 50	
	<hr/>	<hr/>
<i>Amounts carried forward,</i>	\$1,115 58	\$1,600 00

<i>Amounts brought forward,</i>	\$1,115 58	\$1,600 00
Joel Goldthwait & Co., carpets, etc.,	99 48	
Water Department, use of water,	69 00	
W. H. French & Co., material and labor,	50 06	
James E. Dady, " "	26 80	
Charles S. Phillips, " "	25 90	
Charles A. Cole, " "	17 00	
McLean & Henderson, " "	15 00	
William Petigrew, " "	11 54	
O. F. Lucas, " "	11 70	
Georgè T. Weston, " "	5 00	
E. A. Walker, " "	4 50	
L. J. Kendall, ice,	40 00	
Shaw, Applin & Co., desk,	20 00	
E. R. Morse & Co., moving safe,	16 00	
A. H. Sisson, repairing clocks,	12 00	
C. H. Jenison, expressage,	9 83	
C. W. Lerner, disinfectant,	8 00	
C. C. Cook, matches,	55	
	<hr/>	
Total, as per item No. 7 of expenses,		\$1,557 94
		<hr/>
Balance unexpended, transferred into Treasury,		\$42 06

CITY ENGINEER'S DEPARTMENT.

Appropriation,		\$5,000 00
Albert F. Noyes, services as City Engineer,	\$1,600 00	
Eugene B. Baker, services as Assist- ant Engineer,	900 00	
H. D. Woods, services as Ass't Eng'r,	442 00	
Wm. S. French, " "	570 00	
	<hr/>	<hr/>
<i>Amounts carried forward,</i>	\$3,816 00	\$5,000 00

<i>Amounts brought forward,</i>	\$3,816 00	\$5,000 00
Fred H. Barnes, serv. as Ass't Eng'r,	304 00	
James McDonald, " "	215 83	
I. W. Hastings, " "	133 34	
Miller and others, Assistants,	72 00	
Incidental repairs, travelling expenses, etc., of Engineer and Assistants,	96 01	
S. H. Warren, one horse,	175 00	
Taylor & Tupper, hay,	156 00	
P. A. McVicar, exchange on wagons,	100 00	
Frost & Adams, supplies,	68 94	
Sabin & Page, " "	30 00	
Buff & Berger, " "	24 80	
Boyd & McClure, " "	21 00	
Milo Lucas, material and labor,	52 36	
Orrin Whipple, " "	15 00	
J. Carroll, " "	8 25	
S. F. Cate, use of horse and carriage,	13 50	
C. H. Jenison, expressage,	40	
Total, as per item No. 8 of expenses,		\$4,998 43
Balance unexpended, transferred into Treasury,		\$1 57

DRAINS AND CULVERTS.

Appropriation,	\$6,250 00
Transferred from appropriation for Land Damages, by order of City Council,	250 00
	<hr/> \$6,500 00
<i>Amount carried forward,</i>	<hr/> \$6,500 00

<i>Amount brought forward,</i>	\$6,500 00	.
Transferred to Appropriation for Highways, General Repairs, by order of City Council,	600 00	
	<hr/>	\$5,900 00
Highway Department, labor, men and teams,	\$2,198 69	
F. E. Hamblin, drain pipe, etc.,	1,603 14	
Noah Prescott, covering stones,	911 55	
Boston & Albany Railroad, freight and charges,	314 50	
Otis Pettee & Co., sewer grates, covers, etc.,	276 22	
John A. Kenrick, Treasurer, amount paid on account of discharged tickets for labor,	158 50	
G. Fuller & Son, lumber,	110 02	
John Dixon, ledge stone,	96 33	
Thomas Leary, "	34 33	
Edward Hickey, "	34 33	
Thomas Ryan, "	3 00	
W. L. Smith, material and labor,	69 55	
Allen Jordan, " "	45 92	
J. S. Hobbs & Co., cement,	24 00	
Simpson Bros., concreting,	19 92	
	<hr/>	
Total, as per item No. 9 of expenses,		\$5,900 00

EVENING SCHOOLS.

Appropriation,	\$500 00	
Transferred to School Incidentals and Repairs,	103 99	
	<hr/>	\$396 01
<i>Amount carried forward,</i>		<hr/> \$396 01

<i>Amount brought forward,</i>		\$396 01
Levi F. Warren, teacher,	\$147 00	
Emma B. Wilkins, "	73 50	
M. Alice Warren, "	39 00	
Laura Saltonstall, "	30 00	
Lucy S. Pierce, "	22 50	
John McCamman, Janitor,	36 75	
George H. Adams, supplies,	18 78	
Knight, Adams & Co., supplies,	17 23	
H. M. Stimson & Co., advertising,	4 75	
George W. Lane, printing, etc.,	4 50	
Newton Republican, advertising and printing,	2 00	
Total. as per item No. 10 of expenses,		\$396 01

FIRE DEPARTMENT.

Appropriation,	\$21,850 00
Transferred from receipts, on account of old material sold, by order of City Council,	140 00
	<u>\$21,990 00</u>

Board of Engineers.

Henry L. Bixby, Chief Engi- neer,	\$1,200 00
William Bemis, Assistant Engineer,	300 00
	<u>\$1,500 00</u>

Steamer No. 1.

F. E. Judkins, Engineer,	\$900 00
H. C. Lindley, Act'g Engineer,	34 75

Amounts carried forward, \$934 75 \$1,500 00 \$21,990 00

<i>Amounts brought forward,</i>			\$934 75	\$1,500 00	\$21,990 00
F. H. Harrington, Driver,	700 00				
R. H. Moulton, Acting Driver,	26 99				
H. C. Lindley, Stoker,	100 00				
Wm. H. Park, Jr., Foreman,	80 00				
O. F. Hamblin, Ass't Foreman,	65 00				
F. D. Graves, Clerk,	65 00				
Charles Boulton, Hoseman,	60 00				
Peter Hoseason, "	60 00				
E. P. Burnham, "	60 00				
Edward Pike, Jr., "	60 00				
A. L. Rhynds, "	51 25				
George S. Holmes, "	42 50				
C. A. Estabrook, "	40 00				
A. F. Nutting, "	20 00				
R. J. Morrissey, "	17 50				
R. O. Evans, "	8 33				
				2,391 32	

Steamer No. 2.

R. S. Cummings, Engineer,	\$900 00				
M. J. Crowley, Acting Engi- neer,	34 75				
C. L. Berry, Driver,	700 00				
M. J. Crowley, Acting Driver,	21 20				
C. L. Berry, cash paid for substitute Driver,	5 79				
M. J. Crowley, Stoker,	92 44				
George H. Haynes, Foreman,	80 00				
F. H. Humphrey, Assistant Foreman,	65 00				
F. A. Barrows, Clerk,	65 00				

Amounts carried for'd, \$1,964 18 \$3,891 32 \$21,990 00

<i>Amounts brought for'd,</i>	\$1,964 18	\$3,891 32	\$21,990 00
J. Q. A. Hawkes, Hoseman,	60 00		
C. V. Knowles,	" 60 00		
Charles A. Cole,	" 60 00		
Fred. T. Burgess,	" 60 00		
H. A. Waterhouse,	" 60 00		
W. F. Rand,	" 60 00		
W. M. Lucas,	" 42 00		
Clarence Needham,	" 17 50		
	<hr/>	2,383 68	

Steamer No. 3.

A. D. Colby, Engineer,	\$900 00
C. A. Peck, Acting Engineer,	34 75
E. C. Holmes, Driver,	233 32
A. C. Jewett, Driver,	466 68
Charles B. Garey, Acting Driver,	26 99
A. C. Jewett, Stoker,	35 28
C. A. Peck, Stoker,	31 40
A. J. Roach, Stoker,	33 33
H. G. Sawyer, Foreman,	80 00
A. I. English, Ass't Foreman,	65 00
C. A. Peck, Clerk,	22 94
G. F. Richardson, Clerk,	40 62
S. F. Chadbourne, Hoseman,	60 00
Charles B. Garey,	" 60 00
William Bliss,	" 60 00
Vando Martin,	" 60 00
S. V. Dyer,	" 42 50

Amounts carried for'd, \$2,252 81 \$6,275 00 \$21,990 00

Amounts brought for'd, \$2,252 81 \$6,275 00 \$21,990 00

A. J. Roach,	Hoseman,	40 00	
W. J. Wilson,	"	37 50	
Geo. F. Richardson,	"	22 50	
Lac Martin,	"	20 00	
		<hr/>	2,372 81

Hook and Ladder No. 1.

Charles Murphy, Driver,	\$700 00	
F. B. Sisson, Acting Driver,	26 99	
W. S. Higgins, Foreman,	80 00	
U. H. Dyer, Ass't Fore- man,	65 00	
L. H. Cranitch, Clerk,	65 00	
R. F. Cranitch, Ladderman,	60 00	
J. H. Gilman,	"	60 00
J. H. Williams,	"	60 00
O. Dow,	"	60 00
F. B. Sisson,	"	60 00
B. F. Barlow,	"	60 00
J. E. Watson,	"	60 00
John Murphy,	"	60 00
T. C. Nickerson,	"	42 50
J. Kelley,	"	12 50
	<hr/>	1,471 99

Hose Co. No. 4.

E. C. Waterhouse, Fore- man,	\$80 00	
Joseph Fontaine, Secre- tary,	65 00	
	<hr/>	

Amounts carried for'd, \$145 00 \$10,119 80 \$21,990 00

<i>Amounts brought for'd,</i>	\$145 00	\$10,119 80	\$21,990 00
F. A. Dexter, Hoseman,	60 00		
John Deary, "	60 00		
J. F. Horrigan, "	60 00		
E. P. Bessie, "	60 00		
	<hr/>	385 00	

Hose Co. No. 5.

William F. Soule, foreman,	\$80 00		
Joseph U. Kimball, Secre-			
tary,	65 00		
J. W. Fanning, Hoseman,	51 34		
C. H. Hall, "	37 50		
A. H. Richards, "	30 00		
C. G. Fletcher, "	26 84		
Isaac Griffin, "	17 50		
C. A. Drake, "	12 50		
C. A. McCullum, "	8 66		
J. C. Merrill, "	3 16		
	<hr/>	332 50	

Hose Co. No. 6.

Frank B. Reed, Foreman,	\$80 00		
W. A. Leonard, Secretary,	65 00		
Bernard Early, Hoseman,	60 00		
J. J. Kenney, "	60 00		
R. H. Moulton, "	60 00		
G. A. Reed, "	50 00		
W. B. Kenney, "	10 00		
	<hr/>	385 00	

Hose Co. No. 7.

W. S. Cargell, Foreman,	\$80 00		
H. A. Smith, Secretary,	65 00		
	<hr/>		
<i>Amounts carried for'd,</i>	\$145 00	\$11,222 30	\$21,990 00

<i>Amounts brought for'd,</i>	\$145 00	\$11,222 30	\$21,990 00
J. E. Trowbridge, Hoseman,	60 00		
A. Fuller,	" 60 00		
J. T. Thomason,	" 60 00		
A. E. Easterbrook,	" 40 00		
John Doole,	" 20 00		
	<hr/>	385 00	
Sixteen Firemen, extra service,			
July 5,		48 00	

Repairs, Supplies and Incidentals.

H. W. Crowell, Grain, etc.,	\$902 35		
C. F. Eddy & Co.,	" 793 65		
E. Smead & Co.,	" 407 55		
Albert Brackett,	" 329 41		
P. Mullen, Hay,	190 16		
Taylor & Tupper, Hay,	81 31		
David Hall, Straw,	24 70		
	<hr/>	\$2,729 13	
The American Fire Hose			
Manuf. Co., hose,		850 00	
W. F. Bowler & Co., ex-			
change on horses,		390 00	
N. & W. Gas Light Co., gas,		301 20	
Water Department, use of water,		189 50	
J. Edward Hills, coal,		757 69	
Almshouse Department, wood,		14 00	
C. F. Eddy & Co., wood and coal,		13 25	
J. W. Pearson, coal,		12 00	
Albert Brackett "		9 00	
James Nickelson, wood,		9 00	
Paul & Cleveland, "		5 50	
		<hr/>	
<i>Amounts carried forward,</i>		\$16,935 57	\$21,990 00

<i>Amounts brought forward,</i>	\$16,935 57	\$21,990 00
Abbot Downing Co., new wagon,	127 00	
Dr. E. F. Thayer, care of sick horses, etc.,	54 50	
E. O. Leach & Co., hose stuffing,	51 00	
James Boyd & Sons, repairing hose, etc.,	43 00	
D. Harrington & Son, use of horse and carriage,	12 00	
E. C. Holmes, services,	11 40	
W. L. Dudley, brushes,	10 00	
W. H. Bustin, horse collars,	12 00	
L. J. Kendall, ice,	15 00	
George H. Ellis, ice and tan,	9 00	
Howard Bros., ice,	7 50	
A. W. Mitchell, badges, etc.,	17 00	
Ryan Bros., repairing wheels,	28 70	
Leander Barber, brooms,	12 25	
A. Muldoon, use of horse,	11 25	
B. McFadden, " " etc.,	18 75	
J. C. Farrar, material and labor,	65 87	
J. Langtry, "	37 15	
P. A. McVicar, "	25 45	
J. Carroll, "	18 95	
William Welch, "	17 03	
A. J. Fiske & Co., "	16 33	
B. F. Barlow, "	15 55	
Scott & Mahar, "	12 79	
M. Hewitt, "	6 75	
W. H. Stilson, "	6 10	
A. Peters, "	6 00	
Edward Pike, Jr., "	5 88	
<i>Amounts carried forward,</i>	<hr/> \$17,609 77	\$21,990 00

<i>Amounts brought forward,</i>	\$17,609 77	\$21,990 00
J. Pulcifer, material and labor,	5 50	
F. H. Humphrey, "	5 07	
Ross & Murray, "	4 20	
J. N. Danforth, "	4 00	
Mrs. Edson Holmes, laundry work,	53 92	
F. H. Harrington "	44 86	
M. A. Crowley, "	37 03	
Charles Murphy, "	35 25	
W. A. Leonard, "	20 75	
H. A. Smith, "	20 03	
Mrs. Smith, "	18 75	
E. B. Blackwell, "	6 21	
H. H. Easterbrook, supplies,	54 36	
O. B. Leavitt, "	21 25	
Wadsworth Bros., "	18 30	
H. M. Darling & Co., "	16 13	
B. F. Houghton, "	13 70	
Sabin & Page, "	13 31	
J. H. Osgood, "	13 20	
W. C. Gaudelet, "	9 80	
Isaac H. Snow, "	9 75	
J. E. Trowbridge, "	8 99	
W. O. Knapp & Co., "	7 18	
G. Wadleigh, "	6 91	
Arthur Hudson, "	5 40	
F. Murdock & Co., "	4 79	
S. B. Sewall & Co., "	4 45	
Aug. Williams, "	4 03	
R. J. Gillfeather, "	4 00	
C. H. Jenison, expressage,	11 90	
Dillingham's Express, "	6 20	
<i>Amounts carried forward,</i>	<hr/> \$18,098 99	<hr/> \$21,990 00

<i>Amounts brought forward,</i>	\$18,098 99	\$21,990 00
F. E. Jenison, soap,	5 00	
H. L. Bixby, sundry cash expenses,	6 61	
Charles Murphy, saddle,	6 00	
Charles Murphy, clipping horses,	6 00	
E. D. Badger & Son, material and labor,	4 30	
C. E. Tibbetts,	" 4 00	
Sundry small bills,	68 07	
	<hr/>	

Fire Alarm Telegraph.

G. W. Ulmer, Fire Alarm	
Telegraph operator,	\$800 00
M. G. Crane & Co., boxes,	
gong, etc.,	1,294 75
Stearns & George, telegraph	
wire, etc.,	295 85
The Electro Copper Tele'h	
Wire Co., wire, etc.,	80 00
Washburn & Moen Mfg.	
Co., wire, etc.,	46 20
Wallace & Sons, wire, etc.,	40 00
A. J. Fiske & Co., zinc, etc.,	177 35
W. J. Towne, telegraph	
poles,	185 00
O. B. Leavitt, telegraph	
poles,	95 00
H. L. Bixby, pay roll of	
laborers on telegraph,	167 88
J. A. & W. Bird & Co.,	
vitriol, etc.,	194 87
S. L. Pratt, use of horse,	61 00
	<hr/>

Amounts carried for'd, \$3,437 90 \$18,198 97 \$21,990 00

<i>Amounts brought for'd,</i>			\$3,437 90	\$18,198 97	\$21,990 00
Charles A. Cole, material					
and labor,	44	48			
Orrin Whipple, material and					
labor,	34	75			
J. Carroll, material and					
labor,	24	05			
Cranitch & Horrigan, ma-					
terial and labor,	16	50			
F. H. Humphrey, material					
and labor,	12	95			
J. C. Farrar, material and					
labor,	12	86			
N. & W. Gas Light Co.,					
gas,	13	05			
J. H. Staples, ladder,	13	00			
J. C. Fuller, supplies,	65	90			
Walworth Manufac. Co.,					
supplies,	12	50			
C. Williams, Jr., supplies,	5	37			
A. W. Mitchell, supplies,	7	20			
H. M. Darling & Co., sup-					
plies,	5	36			
Dillingham's Express, ex-					
pressage,	6	90			
Timothy Stuart, labor, men					
and teams,	10	50			
Chas. B. Garey, labor,	18	00			
A. C. Jewett, "	12	62			
Michael Connelly, labor,	7	50			
George Linn, "	6	00			

Amounts carried for'd, \$3,767 39 \$18,198 97 \$21,990 00

<i>Amounts brought for'd,</i>	\$3,767 39	\$18,198 97	\$21,990 00
Sundry small bills,	17 84		
	<hr/>	\$3,785 23	
Total, as per item No. 11 of expenses,			\$21,984 20
Balance unexpended, transferred into Treasury,			<hr/> \$5 80

GRAVEL LAND.

Appropriation,	\$9,000 00	
Additional from sale of house on Florence Street, gravel lot, by order of City Council,	200 00	
	<hr/>	
	\$9,200 00	
Transferred to Appropriation for Land Damages, by order of City Council,	625 00	
	<hr/>	\$8,575 00
Massachusetts Hospital Life Insur- ance Co., for Towle place on Homer Street,	\$5,000 00	
Estate of Daniel McBride, house and land,	1,250 00	
Mrs. Elizabeth Williams, gravel land,	1,235 00	
Mrs. Lydia J. Woodbridge gravel,	135 30	
C. B. Bourne,	" 83 40	
W. C. Wiswell,	" 41 50	
Boston & Albany Railroad,	" 32 10	
Heirs of O. N. Shannon,	" 21 50	
Timothy Carney,	" 15 00	
Michael Lester,	" 10 10	
	<hr/>	
<i>Amounts carried forward,</i>	\$7,823 90	\$8,575 00

<i>Amounts brought forward,</i>	\$7,823 90	\$8,575 00
Patrick Ryan, gravel,	4 30	
	<hr/>	
Total, as per item No. 12 of expenses,		7,828 20
		<hr/>
Balance unexpended, transferred into Treasury,		\$746 80

HIGHWAYS. GENERAL REPAIRS.

Appropriation,	\$40,000 00	
Transferred from Appropriation for Highways, Widening and Im- provements, by order of City Council,	800 00	
Transferred from Appropriation for Drains and Culverts, by order City Council,	600 00	
	<hr/>	\$41,400 00
W. E. Fuller, services as Superin- tendent of Streets,	\$1,100 00	
W. E. Fuller, use of horse,	60 00	
W. E. Fuller, sundry cash expenses,	4 00	
J. J. Ware, services as Assistant, etc.,	863 50	
J. A. Peck, " "	863 50	
Geo. E. Stuart, services "	863 50	
W. E. Fuller, laborers on highways, as per pay-rolls,	21,303 17	
J. A. Kenrick, Treasurer, amount paid laborers on discharged tickets,	1,659 42	
Simpson Bros., concreting,	1,183 53	
J. J. Ware, use of horse and carriage,	199 96	
Water Department, use of water,	105 85	
	<hr/>	
<i>Amounts carried forward,</i>	\$28,206 43	\$41,400 00

<i>Amounts brought forward,</i>	\$28,206 43	\$41,400 00
N. & W. Gas Light Co., gas,	151 15	
W. F. Bowler & Co., horse,	225 00	
C. D. Welch, exchange on horse,	225 00	
C. H. & Edgar Snow, brown mare,	200 00	
J. E. Tolman, exchange on horse,	150 00	
Abbott Downing Co., wagon for Supt. of Streets,	150 00	
G. Fuller & Son, rent of land for crusher,	100 00	
H. M. Darling & Co., tools, etc.,	411 50	
Dodge, Gilbert & Co., "	206 52	
C. S. Packard, moving stone crusher,	45 00	
James McVeely, gravel, etc.,	35 00	
Albert Brackett, grain, hay, etc.,	1,029 80	
H. W. Crowell, " "	756 16	
Taylor & Tupper, hay and straw,	541 09	
E. Smead & Co., grain, hay, etc.,	378 94	
Cousins Bros., hay,	377 38	
C. T. Hubbard, hay,	300 81	
C. F. Eddy & Co., hay, straw, etc.,	463 32	
G. E. Stuart, straw,	37 85	
W. E. Fuller, "	33 57	
J. J. Ware, straw,	32 35	
David Hall, "	24 39	
William Stearns, straw,	19 62	
George Dix, hay, etc.,	30 45	
P. Crotty, straw,	127 50	
G. W. Butters, straw,	43 47	
A. Peters, blacksmithing,	807 35	
J. C. Farrar, "	555 11	
M. Hewitt, "	311 41	
<i>Amounts carried forward,</i>	<hr/> \$35,976 17	<hr/> \$41,400 00

<i>Amounts brought forward,</i>	\$35,876 16	\$41,400 00
Thomas Belger, blacksmithing,	219 04	
M. Nugent, "	216 62	
A. Danforth & Co., "	177 59	
Chas. A. Cole, "	121 72	
B. F. Barlow, "	110 36	
Lathrop & Bourne, "	41 19	
Scott & Mahar, "	18 15	
D. F. Fahen, "	8 90	
P. Keegan, "	5 00	
Saml. D. Garey, material and labor,	204 27	
Orrin Whipple, "	161 38	
William Petigrew, "	155 62	
Ross & Murray, "	143 65	
P. A. Murray, "	140 51	
J. Carroll, "	137 31	
J. Langtry, "	126 55	
Cranitch & Horrigan, "	55 95	
Adam Beck, "	55 30	
H. L. White, "	52 90	
J. Pulcifer, "	49 85	
Allen Jordan, "	48 16	
William Welch, "	44 77	
M. J. Crowley, "	41 35	
A. J. Fiske & Co., "	37 40	
T. F. Glennan, "	36 89	
Higgins & Nickerson, "	30 84	
Isaac Smith, "	26 74	
V. Haffermehl, "	25 53	
W. F. Rand, "	20 85	
W. L. Smith, "	20 00	
C. S. Phillips, "	18 70	

<i>Amounts carried forward,</i>	\$38,529 26	\$41,400 00
---------------------------------	-------------	-------------

<i>Amounts brought forward,</i>	\$38,529 26	\$41,400 00
O. B. Leavitt, material and labor,	15 15	
J. S. Sumner, "	13 60	
William Johnson, "	13 22	
W. H. French & Co., "	11 00	
J. E. Trowbridge, "	9 61	
J. O. Evans & Son, "	7 65	
• Otis Pettee & Co., "	7 49	
S. F. Carrier, "	7 20	
J. F. Wheeler, assignee, "	6 10	
W. H. Stilson, "	5 10	
Geo. B. Randall, "	18 77	
Kendall & Roberts, crusher, chills, etc.,	78 30	
F. E. Hamblin, drain pipe, etc.,	70 38	
Rockwell & Moseley, powder and fuse,	67 50	
J. H. Stone, lumber,	55 28	
Dr. E. F. Thayer, attendance on sick horses,	54 75	
Sabin & Page, blankets, etc.,	45 50	
Asahel Wheeler, paint and oil,	37 00	
T. Stuart, labor, men and teams,	36 40	
Morss & Whyte, gravel screens,	32 00	
H. Whitney, posts,	21 60	
J. S. Ambrose, belting, etc.,	38 18	
C. H. Jenison, expressage,	21 45	
J. W. Pearson, coal,	76 30	
J. Edward Hills, "	67 15	
Waters & Inman, "	22 75	
Paul & Cleveland, "	16 35	
James Nickelson, "	6 75	
Trowbridge & Hill, "	6 50	
Daniel McNamara, wood,	6 00	
<i>Amounts carried forward,</i>	<hr/> \$39,404 29	<hr/> \$41,400 00

<i>Amounts brought forward,</i>	\$39,404 29	\$41,400 00
L. M. Crane & Co., oil,	15 00	
Leander Barber, Jr., brooms,	10 00	
Boys' Home, stone,	9 50	
W. H. Bustin, horse collars,	18 00	
Patrick Grace, use of cart,	6 00	
Gould Packing Co., packing,	5 86	
B. F. Houghton, supplies,	66 46	
Blanchard & Atkins, "	29 48	
Paine & Morehouse, supplies,	29 12	
Howe & French, "	27 04	
W. O. Knapp & Co., "	11 44	
Isaac H. Snow, "	9 57	
G. Wadleigh, "	5 60	
Bernard Billings, "	5 20	
W. L. Dudley, brushes and curry-combs,	23 00	
S. F. Cate, carriage hire,	9 98	
W. D. Lathrop, " "	6 00	
J. A. Peck, cash paid for oil,	12 50	
Sundry small bills,	90 96	
	<hr/>	
Total, as per item No. 13 of expenses,		\$39,795 00
		<hr/>
Balance unexpended, transferred into Treasury,		\$1,605 00

HIGHWAYS. WIDENING AND IMPROVEMENTS.

Appropriation,		\$5,150 00
Transferred to Appropriation for High-		
ways, General Repairs, by order of		
City Council,	\$800 00	
	<hr/>	\$4,350 00
Highway department, labor, men and		
teams,	\$2,129 62	
	<hr/>	<hr/>
<i>Amounts carried forward,</i>	\$2,129 62	\$4,350 00

<i>Amounts brought forward,</i>	\$2,129 62	\$4,350 09
W. E. Fuller, services as Superintendent of Streets,	100 00	
W. Albert Fogwell, building wall, Ward street,	1,231 70	
Simpson Bros., concreting,	313 13	
Noah Prescott, stone,	186 67	
John A. Kenrick, treasurer, amount paid on discharged ticket,	57 00	
Orrin Whipple, material and labor,	27 11	
W. L. Smith, " " "	25 70	
J. D. Billings, " " "	5 55	
George D. Dix, stone,	101 79	
G. H. Frost, "	8 45	
J. Stearns, land taken to widen Clark street,	25 00	
H. W. Fanning, relaying wall,	20 00	
Total, as per item No. 14 of expenses,		\$4,231 72
Balance unexpended, transferred into Treasury,		\$118 28

INDUSTRIAL AND MECHANICAL DRAWING.

Appropriation,	\$300 00
Transferred to School Incidentals and Repairs,	97
Balance unexpended, transferred into Treasury,	\$299 03

INTEREST ON CITY LOANS, TEMPORARY AND PERMANENT.

Appropriation,	\$29,000 00
<i>Amount carried forward,</i>	\$29,000 00



<i>Amount brought forward,</i>	\$29,000 00
Commonwealth of Massachusetts,	\$16,607 50
City Institution for Savings, Lowell,	4,800 00
Boston Five Cents Savings Bank,	2,600 00
Municipal Bonds,	1,700 00
Massachusetts Hospital Life Insurance Company,	892 50
Suffolk Savings Bank,	302 50
Kenrick Fund,	42 87
Brewster, Bassett & Co.,	20 63
	<hr/>
Total, as per item No. 15 of expenses,	\$26,966 00
	<hr/>
Balance unexpended, transferred into Treasury,	\$2,034 00

INDIGENT SOLDIERS AND SAILORS.

Appropriation,	\$800 00
Rasselas W. Ireland,	\$96 00
Henry F. Bailey,	96 00
George E. Palmer,	80 00
John Curtin,	72 00
Daniel Sullivan,	72 00
Samuel Wallis,	72 00
William Jelly,	60 00
James H. Lockley,	48 00
Franklin D. Hill,	48 00
William Leonard,	44 00
Albert P. Bugbee,	40 00
John N. Nichols,	32 00
John F. Franklin,	16 00
Samuel B. Brown,	10 00
	<hr/>
Total, as per item No. 16 of expenses,	786 00
	<hr/>
Balance unexpended, transferred into Treasury,	\$14 00

INTEREST ON WATER BONDS.

Appropriation,	\$47,875 00
National Bank of the Common- wealth,	\$23,875 00
National Bank of the Common- wealth,	23,875 00
	<hr/>
Total, as per item No. 17 of expenses,	47,750 00
	<hr/>
Balance unexpended, transferred into Treasury,	\$125 00

IMPROVEMENTS ON PUBLIC SQUARES.

Appropriation,	\$500 00
Newton Cemetery Corporation, labor, men and teams,	\$250 00
Highway Department, labor, men and teams,	227 50
John Hackett, labor, etc.,	22 50
	<hr/>
Total, as per item No. 18 of expenses,	\$500 00

LAND DAMAGES.

Appropriation,	\$9,000 00
Transferred from appropriation for Gravel Land, by order of City Council,	625 00
	<hr/>
	\$9,625 00
Transferred to appropria- tion for Sidewalks, by order of City Coun- cil,	\$650 00
	<hr/>
<i>Amounts carried forward,</i>	\$650 00 \$9,625 00

<i>Amounts brought for'd,</i>	\$650 00	\$9,625 00	
Transferred to appropriation for Drains and Culverts, by order of City Council,	<u>250 00</u>	<u>900 00</u>	\$8,725 00
Wm. A. and Albert H. Roffe, award of damages on Cypress St.,		\$3,550 00	
Eliza M. G. Smith, award of damages on Cypress St.,		3,000 00	
George A. Guernsey, award of damages on Cypress St.,		800 00	
Fred. H. and Salome S. Adams, award of damages on Cypress St.,		400 00	
James F. C. Hyde, services as Arbitrator,		50 00	
Stephen Ellis, services as Arbitrator,		50 00	
Henry Ross, " "		50 00	
L. Marrett, Executor of the estate of E. Cook, land on Watertown St., Ward 2,		100 00	
Methodist Episcopal Society, Newtonville, land on Walnut St., Ward 2,		400 00	
George C. Lord, land on Waverly Ave. and Franklin St., Ward 7,		150 00	
Lewis A. Gammons, land on Washington St., Ward 3,		91 93	
Estate of J. E. Gammons, land on Washington St., Ward, 3,		<u>65 00</u>	
Total, as per item No. 20 of expenses,			8,706 93
Balance unexpended, transferred into Treasury,			<u>\$18 07</u>



LIGHTING STREETS.

Appropriation,		\$19,000 00
Newton and Watertown Gas Light Co., gas, and care of street lamps,	\$13,274 00	
Newton and Watertown Gas Light Co., repairs, etc.,	148 76	
United States Street Lighting Co., gasoline, and care of street lamps,	4,321 50	
United States Street Lighting Co., iron posts and frames, repairs, etc.,	317 50	
John Binney & Son, lanterns, etc.,	272 49	
Walker & Pratt Manuf. Co., re- pairing lanterns,	22 47	
Timothy Stuart, setting posts,	16 00	
W. J. Towne, lighting, care, etc., of lamp,	12 00	
Page, Harding & Co., fifty-two signs,	11 96	
Globe Gas Light Co., balance on lantern,	5 00	
George W. Bush, use of horse and carriage,	2 50	
Total, as per item No. 21 of expenses,		\$18,404 18
Balance unexpended, transferred into Treasury,		\$595 82

MEMORIAL DAY.

Appropriation,	\$300 00
<i>Amount carried forward,</i>	\$300 00

<i>Amount brought forward,</i>		\$300 00
George M. Fiske, Quartermaster, G. A. R.,	\$300 00	
Total, as per item No. 22 of expenses,		\$300 00

MISCELLANEOUS EXPENSES.

Appropriation,		\$6,000 00
Rev. S. F. Smith, D.D., balance on account, History of Newton,	\$1,200 00	
Rand, Avery & Co., binding public documents, printing, etc.,	1,024 18	
Water Department, use of water, watering streets, and drinking fountain,	950 00	
Peter Thatcher, sundry expenses, in suits, etc.,	530 00	
American Bank Note Co., altering bond plates, printing bonds, etc.,	470 00	
Highway Department, labor, men and teams, collecting ashes, etc.,	325 51	
Charles H. Stacy, stamped envelopes, telegrams, etc.,	319 79	
James S. Conant, engraving for History of Newton,	260 00	
W. H. Mague, watering streets, Wards 3 and 4,	450 00	
Timothy Stuart, watering streets, Wards 1 and 7,	225 00	
<i>Amounts carried forward,</i>	\$5,754 48	\$6,000 00

<i>Amounts brought forward,</i>	\$5,754 48	\$6,000 00
F. H. Hunting, watering streets, Ward 2,	225 00	
Silas Stevens, invalid tax titles and expenses,	163 29	
James French, invalid tax titles and expenses,	136 08	
Cornelias McBride, damage to land on West street, caused by raising the grade,	150 00	
George W. and Clara R. Morse, damages to land on Court street and Central avenue, caused by widening,	125 00	
Dorinda Smead, damages to land on Court street and Central avenue, caused by widening,	125 00	
Henry F. Jenks, iron drinking fountain,	150 00	
J. E. Warner, services collecting account of births, etc.,	120 00	
W. O. Robson, phonographic re- port, Porter v. City of Newton,	115 00	
George F. Morgan, abstract of deeds for assessors,	101 44	
Charles W. Story, services upon the revised ordinances and compilation of statutes,	100 00	
Samuel M. Jackson, use of horse and carriage, assessing taxes,	80 00	
George W. Bush, carriages, Me- morial Day, etc.,	73 00	
<i>Amounts carried forward,</i>	<hr/> \$7,418 29	\$6,000 00

<i>Amounts brought forward,</i>	\$7,418 29	\$6,000 00
Edwin O. Childs, sundry cash expenses,	61 15	
Benjamin F. Otis, sundry cash expenses,	44 46	
Isaac Hagar, sundry cash expenses,	34 07	
John M. Fisk, serving warrants, notices, etc.,	60 00	
George E. Bridges, services collecting account of births, etc.,	50 70	
F. G. Barnes, services as expert, Porter v. City of Newton,	50 00	
L. E. Chase, cash expenses, per order City Council,	49 30	
Boston Safe Deposit and Trust Co., rent of boxes,	34 16	
James F. C. Hyde, premium insurance on Oak Hill School House,	33 75	
Noah Prescott, stone-bound posts,	28 75	
John A. Kenrick, sundry cash expenses,	25 94	
The American Logotype Co., 1000 copies of maps for History of Newton,	25 00	
Dr. J. B. Treadwell, prof. services on account Police Department,	25 00	
H. W. Chaplin, services in drafting new Water Ordinance,	25 00	
F. M. Tribou, stamps for committees, etc.,	23 00	
<i>Amounts carried forward,</i>	<hr/> \$7,988 57	<hr/> \$6,000 00

<i>Amounts brought forward,</i>	\$7,988 57	\$6,000 00
S. F. Cate, horse and carriage hire,	21 00	
Edwin Fewkes, flowers, etc., Memorial Day,	20 80	
Henry S. Jones, services at Custom House for Board of Assessors,	20 00	
W. A. Wetherbee, Secretary, for fitting up ward room,	20 00	
Est. of H. R. Robbins, making return of deaths,	16 25	
Whitman & Wilson, making return of deaths,	9 25	
John A. Peck, making return of deaths,	7 75	
J. H. Daniels, portrait of Seth Davis for History of Newton,	15 00	
Wm. Petigrew, material and labor,	13 94	
J. D. Billings, "	9 00	
Albert Brackett, use of hall for ward room, Ward 1,	12 00	
G. Wadleigh, use of hall for ward room, Ward 2,	12 00	
J. M. Hinds, distributing notices,	10 00	
James McGourty, making return of deaths,	9 50	
J. L. Knox, labor on bound posts,	7 00	
Dr. F. E. Crockett, prof. services,	7 00	
W. H. Mague, use of horse and carriage,	6 75	
F. E. Wallingford, " "	3 00	
E. G. Hurd, " "	3 00	
R. L. Hinds, paid for use of horse,	5 00	
John Ryan, sundry cash expenses,	4 50	
<i>Amounts carried forward,</i>	<hr/> \$8,221 31	<hr/> \$6,000 00

<i>Amounts brought forward,</i>	\$8,221 31	\$6,000 00
N.Y. & N.E. Railroad, freight,	4 30	
Harris Express, expressage,	3 50	
J. D. Wellington, sundry cash expenses,	3 44	
R. M. Lucas, serving notices,	3 24	
John Kelly, ringing bell,	3 00	
M. C. Laffie, ringing bell,	8 00	
Thomas Woodman, ringing bell,	6 00	
Geo. W. Chamberlin, ringing bell,	6 00	
E. F. Moses, "	6 00	
J. H. Boit, "	6 00	
George Upham, "	3 00	
J. T. Thomason, "	3 00	
George H. Ingraham, services as warden, Ward 3,	4 00	
Charles A. Moulton, services as war- den, Ward 4,	4 00	
A. J. Grover, services as warden, Ward 5,	4 00	
Edward H. Mason " " "	6, 4 00	
Frederick Jackson " " "	7, 4 00	
H. N. Hyde, services as clerk, Ward 1,	2 00	
Daniel Carr, Jr., do " "	3, 4 00	
H. H. Mather, do " "	4, 4 00	
Elliott J. Hyde, do " "	5, 2 00	
N. B. Sturtevant, do " "	5, 2 00	
S. C. Spaulding, do " "	6, 4 00	
Charles S. Young, do " "	6, 4 00	
J. E. Warner, do " "	7, 4 00	
Dexter Whipple, services as inspec- tor, Ward 1,	4 00	
Ira S. Franklin, services as inspec- tor, Ward 1,	4 00	
<i>Amounts carried forward,</i>	<u>\$8,330 79</u>	<u>\$6,000 00</u>

<i>Amounts brought forward,</i>	\$8,330 79	\$6,000 00
Albert P. Bugbee, services as inspector, Ward 1,	2 00	
George Lane, services as inspector, Ward 1,	2 00	
S. R. Urbino, services as inspector, Ward 3,	4 00	
George D. Dix, services as inspector, Ward 3,	4 00	
Richard A. Carroll, services as inspector, Ward 3,	4 00	
Eugene B. Baker, services as inspector, Ward 4,	4 00	
J. P. R. Sherman, services as inspector, Ward 4,	4 00	
Bernard Early, services as inspector, Ward 4,	4 00	
Harley A. Smith, services as inspector, Ward 5,	4 00	
Frank Clement, services as inspector, Ward 5,	4 00	
John T. Thomason, services as inspector, Ward 5,	4 00	
Saml. M. Jackson, services as inspector, Ward 6,	4 00	
Frank Edmands, services as inspector Ward 6,	4 00	
B. S. Wetherbee, services as inspector, Ward 7,	4 00	
James W. French, services as inspector, Ward 7,	4 00	
<i>Amounts carried forward,</i>	<hr/> \$8,386 79	<hr/> \$6,000 00

<i>Amounts brought forward,</i>	\$8,386 79	\$6,000 00
Hosea Hyde, services as inspector, Ward 7,	2 00	
Charles W. Bassett, services as in- specter, Ward 7,	2 00	
Sundry small bills,	41 87	
Total, as per item No. 23 of expenses,		\$8,432 66
Balance overdrawn, transferred into Treasury,		\$2,432 66

NEWTON FREE LIBRARY.

Appropriation,		\$7,500 00
Hannah P. James, services, Librarian,	\$800 00	
Caroline B. Jackson, " ass't "	375 00	
Marie L. Clapp, " "	300 00	
Elizabeth P. Thurston, " "	125 00	
Louise J. Smallwood, " "	292 75	
Etta P. Cleveland, " "	242 97	
Millie E. Michaels, " "	209 40	
Lizzie M. Rand, " "	61 75	
Sarah R. Norton, " "	10 33	
James J. Tower, " janitor,	600 00	
J. M. Hinds, " "	10 00	
Hannah P. James, sundry cash payments,	74 03	
A. Williams & Co., books,	1,247 50	
N. J. Bartlett & Co., "	498 17	
Little, Brown & Co., "	359 73	
H. D. Noyes & Co., "	132 68	
Noyes, Snow & Co., "	59 50	
James P. Magee, "	37 77	
Lockwood, Brooks & Co., books,	22 28	
<i>Amounts carried forward,</i>	\$5,458 86	\$7,500 0

<i>Amounts brought forward,</i>	\$5,458 86	\$7,500 00
C. F. Jewett & Co., book,	9 60	
C. J. Maynard & Co., "	8 84	
New Eng. Hist. Gen'l Soc'y, book,	2 00	
S. T. Blanchard, binding books,	263 68	
Rand, Avery & Co., printing, etc.,	53 00	
Tarbell & Adams, envelopes,	17 50	
N. & W. Gas Light Co., gas,	426 85	
J. Edward Hills, coal,	103 20	
Albert Brackett, "	55 44	
Water Department, use of water, etc.,	14 75	
Whiton & Co., expressing books,	284 75	
Bosworth's Express, "	32 50	
McIntosh " "	29 10	
C. H. Jenison, "	28 84	
W. D. Lathrop, "	26 00	
J. J. Peck, agency,	40 00	
Brickett & Davis, agency,	18 00	
Mrs. Ann Probert, "	10 00	
The New Orleans Picayune, subscription,	24 00	
Roland Worthington & Co., "	13 50	
M. Halstead & Co., "	12 00	
New York Tribune, "	11 00	
Globe Printing Co., "	11 00	
Post Publishing Co., "	10 00	
Wm. C. Bryant & Co., "	9 00	
Charles C. Fulton, "	9 00	
Journal Newspaper Co., "	9 00	
The Press Co. (limited), "	8 75	
The Springfield Republican, "	7 00	
R. M. Pulsifer & Co., "	6 00	
Globe Newspaper Co., "	6 00	
<i>Amounts carried forward,</i>	<hr/> \$7,019 16	<hr/> \$7,500 00

<i>Amounts brought forward,</i>	\$7,019 16	\$7,500 00
The Daily Sun, subscription	6 50	
Library Journal, "	5 00	
F. J. Garrison, "	4 00	
The Publishers' Weekly, "	3 20	
H. G. Parker, "	3 20	
Luther Tucker & Son, "	2 50	
Estes & Lauriat, books, .	15 00	
B. F. Stevens, "	7 64	
J. O. Evans & Son, material and labor,	56 84	
McLean & Henderson, "	25 90	
W. G. Smith, "	24 63	
Edward Pike, "	20 65	
T. F. Glennan, "	6 25	
Readers' & Writers' Economy Co.,		
supplies,	130 17	
Thayer & Stiles, supplies,	65 00	
E. H. Tarbell, "	13 85	
Waterman Kitchen Furnishing Store,		
supplies,	7 00	
Geo. H. Adams, supplies,	5 03	
Bowker Fertilizer Co., supplies,	5 00	
Alfred Howes, "	3 41	
Total, as per item No. 24 of expenses,		7,429 93
Balance unexpended, transferred into Treasury,		\$70 07

POLICE DEPARTMENT.

Appropriation,		\$17,000 00
Regular Police Officers.		
Revilo L. Hinds, City Marshal,	\$1,200 00	
<i>Amounts carried forward,</i>	\$1,200 00	\$17,000 00

<i>Amounts brought forward,</i>	\$1,200 00	\$17,000 00
Chas. F. Richardson, Serg't of Police,	943 78	
George H. Marsh, Mounted Patrolman,	897 50	
Charles P. Huestis, "	885 00	
James D. Henthorn, Patrolman,	880 00	
William C. Emerson, "	900 00	
Charles O. Davis, "	889 99	
Geo. E. F. Baker, "	882 50	
Charles E. Davis, "	871 25	
N. F. Bosworth, "	877 50	
John Ryan, "	887 50	
R. S. Harrison, "	882 50	
E. G. Hurd, "	870 00	
C. S. Boothby, "	895 00	
F. B. Fletcher, "	676 08	
E. C. Holmes, "	486 70	
R. O. Evans, "	109 71	
	<hr/>	
	\$14,035 01	

Special Police Officers.

B. H. Huestis,	\$325 75	
C. L. Wilson,	175 00	
A. E. Fuller,	155 00	
W. J. Fiske,	10 00	
M. C. Laffie,	10 00	
Peter Lee,	5 00	
	<hr/>	
	\$14,715 76	

Incidental Expenses.

E. Ham & Co., two bay horses,	\$350 00	
F. P. Morey, one bay horse (exch'ge),	75 00	
P. A. McVicar, one open wagon, re-		

<i>Amounts carried forward,</i>	<hr/>	<hr/>
	\$15,140 76	\$17,000 00



<i>Amounts brought forward,</i>	\$15,140 76	\$17,000 00
pairs, &c.,	241 19	
C. A. Twitchell & Co., 16 silver badges,	100 00	
N. & W. Gas Light Co., gas,	90 10	
Highway Department, keeping horse,	65 15	
Water Department, use of water,	60 00	
J. Edward Hills, coal,	43 52	
S. F. Cate, board of horse, and horse and carriage hire,	128 88	
R. L. Hinds, board and use of horse,	126 10	
Fred Huestis, board of horse,	132 00	
G. H. Marsh, board of horse and cash expenses,	109 00	
G. W. Bush, horse and carriage hire,	42 00	
W. D. Lothrop, "	30 75	
S. L. Pratt, "	16 50	
S. G. Williams, "	15 50	
F. E. Wallingford, "	10 00	
S. P. Whitman, "	4 00	
J. M. Fowler, blacksmithing,	38 00	
A. Peters, "	12 00	
J. C. Farrar, "	11 00	
A. Danforth, "	9 00	
Mrs. Mary Brownell, meals for prisoners,	27 25	
" J. L. Knowles, "	6 15	
Hill & Langtry, supplies,	81 84	
H. A. Winship, "	31 50	
Sabin & Page, "	29 50	
William Page & Co., supplies,	14 75	
J. Langtry, "	14 50	
Fred W. Berry, "	14 00	
C. H. McKenney, "	4 60	
<i>Amounts carried forward,</i>	<hr/> \$16,649 54	<hr/> \$17,000 00

<i>Amounts brought forward,</i>	\$16,649 54	\$17,000 00
Peabody & Whitney, supplies,	4 50	
Geo. M. Endicott, am't paid on account special officer,	26 25	
E. C. Holmes, care of sick horse,	10 00	
John Grines, cleaning cesspool,	6 50	
James D. Henthorn, sundry cash ex- penses,	22 27	
E. G. Hurd, sundry cash expenses,	7 50	
C. F. Richardson, " "	5 79	
John Ryan, " "	5 70	
N. F. Bosworth, " "	5 42	
G. E. F. Baker, " "	4 18	
R. S. Harrison, " "	4 00	
John P. Lovell & Sons, supplies,	4 25	
C. Seaver, Jr., photographs of prisoners,	3 00	
Sundry small bills,	19 04	
	<hr/>	
Total, as per item No. 25 of expenses,		16,777 94
		<hr/>
Balance unexpended, transferred into Treasury,		\$222 06

POOR OUT OF ALMSHOUSE.

Appropriation,	\$8,500 00	
Transferred to Appropriation for Alms-house Expenses and Repairs by order of City Council,	70 83	
	<hr/>	\$8,429 17
John Warner, services as City Al- moner and Clerk of Board,	\$700 00	
C. F. Rand, services as overseer, Ward 1,	50 00	
	<hr/>	
<i>Amounts carried forward,</i>	\$750 00	\$8,429 17

<i>Amounts brought forward,</i>	\$750 00	\$8,429 17
O. B. Leavitt, services as overseer, Ward 2,	50 00	
O. F. Lucas, services as overseer, Ward 3,	50 00	
Benjamin Bourne, services as over- seer, Ward 4,	50 00	
H. C. Hoyt, services as overseer, Ward 5,	50 00	
George Warren, services as overseer, Ward 6,	50 00	
John Warner, services as overseer, Ward 7,	50 00	
John Warner, amount paid to sun- dry persons,	221 70	
Worcester Lunatic Hospital, care of sundry persons,	987 13	
Asylum for the Chronic Insane, care of sundry persons,	331 75	
Taunton Lunatic Hospital, care of sundry persons,	238 44	
Northampton Lunatic Hospital, care of sundry persons,	175 66	
Danvers Lunatic Hospital, care of sundry persons,	155 22	
Commonwealth of Massachusetts, care of sundry persons,	171 04	
Charles J. Adams, Master, care of sundry persons,	21 57	
City of Boston, support of poor,	70 76	
City of Lynn, "	36 50	
City of Chelsea, "	16 62	
<i>Amounts carried forward,</i>	<hr/> \$3,476 39	<hr/> \$8,429 17

<i>Amounts brought forward,</i>		\$3,476 39	\$8,429 17
City of Fall River, support of poor,		4 00	
Town of Malden,	"	90 00	
Town of Hopkinton,	"	88 18	
Town of Needham,	"	54 25	
Town of Sherburne,	"	35 00	
Town of Wrentham,	"	14 00	
Town of Waltham,	"	3 00	
Town of Athol,	"	3 00	
Dr. W. H. Hildreth, medical attendance,		69 40	
Dr. H. B. Bradley,	" "	52 00	
Dr. J. H. Bodge,	" "	21 00	
Dr. E. P. Scales,	" "	20 00	
Dr. Eben Thompson,	" "	19 00	
Dr. J. F. Boothby,	" "	18 00	
Dr. F. E. Crockett,	" "	16 60	
Dr. H. B. Stoddard,	" "	11 00	
Dr. F. E. Thayer,	" "	10 00	
Dr. James Utley,	" "	10 00	
Dr. J. R. Deane,	" "	9 40	
Dr. F. D. Lord,	" "	8 00	
Dr. H. M. Field,	" "	6 00	
Dr. Albert Nott,	" "	2 20	
Aug. Williams,	" prescriptions,	15 04	
Saml. B. Sewall & Co.,	" "	13 75	
W. C. Gaudelet,	" "	12 13	
John J. Noble,	" "	10 74	
E. J. Williams,	" "	5 65	
G. H. Ingraham,	" "	4 75	
C. F. Rogers,	" "	2 55	
Arthur Hudson,	" "	1 75	
<i>Amounts carried forward,</i>		<hr/> \$4,106 78	<hr/> \$8,429 17

<i>Amounts brought forward,</i>	\$4,106 78	\$8,429 17
George H. Gregg, services and expenses as undertaker,	20 00	
W. H. Mague, services and expenses as undertaker,	20 00	
James McGourty, services and expenses as undertaker,	32 00	
Est. of H. R. Robbins, services and ex- penses as undertaker,	12 00	
C. L. Wilson, services and expenses as undertaker,	6 00	
Charles Cole, services and expenses as undertaker,	4 50	
Newton Cemetery Corporation, opening graves,	14 00	
C. Strout & Sons, groceries,	270 12	
W. O. Knapp & Co., "	126 96	
H. P. Barber, "	114 96	
H. A. Sherman, "	109 01	
G. Wadleigh, "	104 24	
J. B. Murphy, "	91 83	
H. B. Coffin, "	76 17	
Blanchard & Atkins, "	69 00	
G. H. Adams, "	63 50	
I. R. Stevens, "	63 00	
J. W. Davis & Co., "	46 00	
F. & G. Robinson, "	41 51	
H. W. Fanning & Son, "	36 71	
W. P. Holden, "	32 93	
Greenwood & Co., "	30 00	
B. F. Houghton, "	25 82	
Dimond & Wetherbee, "	21 00	
<i>Amounts carried forward,</i>	<hr/> \$5,538 04	<hr/> \$8,429 17

<i>Amounts brought forward,</i>	\$5,538 04	\$8,429 17
C. C. Cook, groceries,	15 85	
Wadsworth Bros., "	14 00	
Robertson & Sherman, "	5 00	
Dennis O'Brien, "	2 00	
B. B. Vassell, "	1 50	
Almshouse Department, wood,	126 50	
J. W. Pearson, fuel,	180 38	
Albert Brackett, "	119 12	
C. F. Eddy & Co., "	94 33	
Paul & Cleveland, "	84 76	
James Nickelson, "	31 25	
Daniel Warren, "	30 00	
Waters & Inman, "	27 55	
J. Edward Hills, "	12 04	
Mrs. C.C. Voorhees, board of Miss Crawley	43 00	
Miss M. E. Vose, " " "	9 00	
Mrs. Clara Fisher, care of Eliza Fisher,	12 00	
Mrs. A. D. Colby, board of Miss McLane,	28 26	
J. Edwin Warner, travelling expenses, etc.	31 06	
H. C. Hoyt, " " "	6 00	
R. L. Hinds, " " "	4 90	
John Hennessey, house rent for Mary		
Gallagher,	8 00	
O. F. Lucas, expenses on ac. Mr. Brown,	6 20	
S. F. Cate, horse and carriage hire,	5 50	
G. W. Bush, " " "	3 50	
F. E. Wallingford, " "	3 50	
Geo. E. Barrows, supplies,	3 75	
W. H. Brackett, "	3 00	
A. J. Gordon, "	2 00	
S. C. Spaulding, "	1 50	
<i>Amounts carried forward,</i>	<hr/> \$6,453 49	<hr/> \$8,429 17

<i>Amounts brought forward,</i>	\$6,453 49	\$8,429 17
Scamman & Cook, "	1 31	
John V. Sullivan, "	1 00	
	<hr/>	
Total, as per item No. 26 of expenses,		\$6,455 80
		<hr/>
Balance unexpended, transferred into Treasury,		\$1,973 37

PUBLIC PROPERTY.

Appropriation,		\$5,400 00
McLean & Henderson, repairs, etc., on		
Public Library,	\$1,007 40	
Higgins & Nickerson, repairs, etc., on		
Hook and Ladder House,	682 64	
Charles S. Phillips, painting Hamilton		
School House, etc.,	314 18	
Cranitch & Horrigan, painting Adams		
School House, etc.,	250 05	
J. O. Evans & Son, painting Jackson		
School House, etc.,	240 86	
Fletcher Bros., painting Williams		
School House, etc.,	205 40	
Obed Porter, painting Davis School		
House, etc.,	163 00	
Smith & Pickthall, painting Engine		
House (ward 6),	115 00	
William Petigrew, material and labor,	406 26	
W. H. French & Co., "	292 49	
Sam'l D. Garey, "	154 81	
Orrin Whipple, "	101 70	
L. H. Hicks, "	100 00	
G. F. Fuller, "	85 42	
	<hr/>	<hr/>
<i>Amounts carried forward,</i>	\$4,119 21	\$5,400 00

<i>Amounts brought forward,</i>	\$4,119 21	\$5,400 00
O. F. Lucas, material and labor,	73 34	
Jos. M. Briggs,	" 44 75	
F. H. Humphrey,	" 42 68	
A. J. Fiske & Co.,	" 26 90	
John Cain,	" 23 61	
V. Haffermehl,	" 22 06	
W. J. Wilson,	" 21 78	
Isaac Smith,	" 18 39	
Edward Pike,	" 15 94	
W. P. Levitt,	" 12 60	
R. Freeman,	" 12 00	
Scott & Mahar,	" 10 40	
W. F. Soule,	" 10 00	
William Bemis,	" 9 90	
C. C. Pottle,	" 9 50	
J. W. Raymond,	" 6 00	
O. B. Leavitt,	" 5 83	
W. L. Smith,	" 5 93	
J. L. Sears,	" 3 50	
C. F. F. Abbot,	" 3 12	
C. L. Berry,	" 2 20	
Edwin Holman, premium of insurance on books in Public Library,	50 00	
J. F. C. Hyde, premium of insurance on House,	6 42	
N. & W. Gas Light Co., gas,	54 85	
George F. Meacham, plans, etc., on account Public Library,	50 00	
Timothy Stuart, building stone wall,	50 00	
J. L. Randall, care, etc., of hall in Prospect school-house,	47 00	
<i>Amounts carried forward,</i>	<hr/> \$4,757 91	<hr/> \$5,400 00

<i>Amounts brought forward,</i>	\$4,757 91	\$5,400 00
Torrey, Bright & Capen, carpeting, etc.,	35 32	
H. M. Darling & Co., supplies,	25 64	
J. L. Knox, cutting down fenders,	25 00	
Francis Murdock, supplies,	15 41	
Corse, Woodbury & Smith, "	11 80	
Jordan, Marsh & Co., "	8 50	
A. W. Snow, material and labor,	6 62	
E. B. Badger & Co., copper cylinder,	4 00	
G. F. Clark & Co., mattress,	3 25	
A. C. Jewett, paint,	3 00	
Michael Burke, labor, etc.,	2 50	
Speare, Gregory & Co., oil,	12 80	
Bancroft & Dyer, mirror,	5 00	
Greenwood & Co., supplies,	2 20	
Sundry small bills,	13 15	
	<hr/>	
Total, as per item No. 27 of expenses,		4,932 10
		<hr/>
Balance unexpended, transferred into Treasury,		\$467 90

SCHOOLS.

General Appropriation. Educational Department.

General Appropriation for Schools,	\$72,500 00	
Received from Dog Tax,	712 50	
	<hr/>	
	\$73,212 50	
Transferred to School Incidentals and Repairs,	599 16	
	<hr/>	
		\$72,613 34

Expenditures in Detail.

Ephraim Hunt, Superintendent,	\$2,700 00	
Isaac Hagar, Sec. School Board,	300 00	
	<hr/>	
<i>Amounts carried forward,</i>	\$3,000 00	\$72,613 34

Amounts brought forward, \$3,000 00 \$72,613 34

High School.

Francis A. Waterhouse, Master,	\$2,700 00
Ezra W. Sampson, Sub-Master,	1,850 00
John F. Kent, Assistant,	1,400 00
S. Warren Davis, "	625 00
S. Alice Worcester, "	1,000 00
Caroline Spear, "	1,000 00
M. Abby Smith, "	968 75
Mattie E. Foote, "	968 75
M. Isabel Hanson, "	375 00
	<hr/>
	\$13,887 50

Drawing.

Emma F. Bowler, Instructress,	\$800 00
-------------------------------	----------

Military Drill.

R. G. Carter, Instructor,	\$400 00
---------------------------	----------

Calisthenics and Elocution.

Jennie E. Ireson, Instructress,	\$400 00
---------------------------------	----------

District No. 1.

Albert L. Harwood, Master, Mason	
School,	\$1,900 00
Mary L. Searle, Head Assistant,	
Mason School,	243 75
Hattie E. Leonard, Head Assistant,	
Mason School,	225 00
George A. Moore, Head Assistant,	
Mason School,	281 25
Maria F. Wood, Ass't, Mason School,	600 00
Ellena H. Thompson, Assistant,	
Mason School,	600 00
	<hr/>

Amounts carried forward, \$19,337 50 \$72,613 34

<i>Amounts brought forward,</i>	\$19,337 50	\$72,613 34
Ellen M. Cook, Ass't, Mason School,	600 00	
Mary Tenney, " "	600 00	
Sarah H. Munger, " "	540 00	
Harriette E. Bird, " "	537 50	
Lizzie S. Friend, " "	525 00	
Margaret Martin, " "	250 00	
Hannah H. Taft, " "	75 00	
George Turner, " "	60 00	
Mary E. Minter, Principal, Oak Hill School,	468 75	
Mattie R. T. Owler, Principal, Oak Hill School,	225 00	
Helen A. Davis, Principal, Thomp- sonville School,	750 00	
Lilla M. Means, Principal, Hyde School,	468 75	
George S. Turner, Master, Hyde School,	375 00	
Lilla M. Means, Head Assistant, Hyde School,	281 25	
Alice M. Hammond, Assistant, Hyde School,	600 00	
Alice F. Whitcomb, Assistant, Hyde School,	600 00	
Walter C. Frost, Master, Prospect School,	1,537 50	
Martha L. Perkins, Head Assistant, Prospect School,	750 00	
Ella F. Crooker, Ass't, Prospect School,	600 00	
Mary P. Fanning, " "	600 00	
Lizzie W. Everett, " "	600 00	
<i>Amounts carried forward,</i>	<u>\$30,381 25</u>	<u>\$72,613 34</u>

<i>Amounts brought forward,</i>	\$30,381 25	\$72,613 34
Helen Norwood, Ass't, Prospect School,	600 00	

District No. 2.

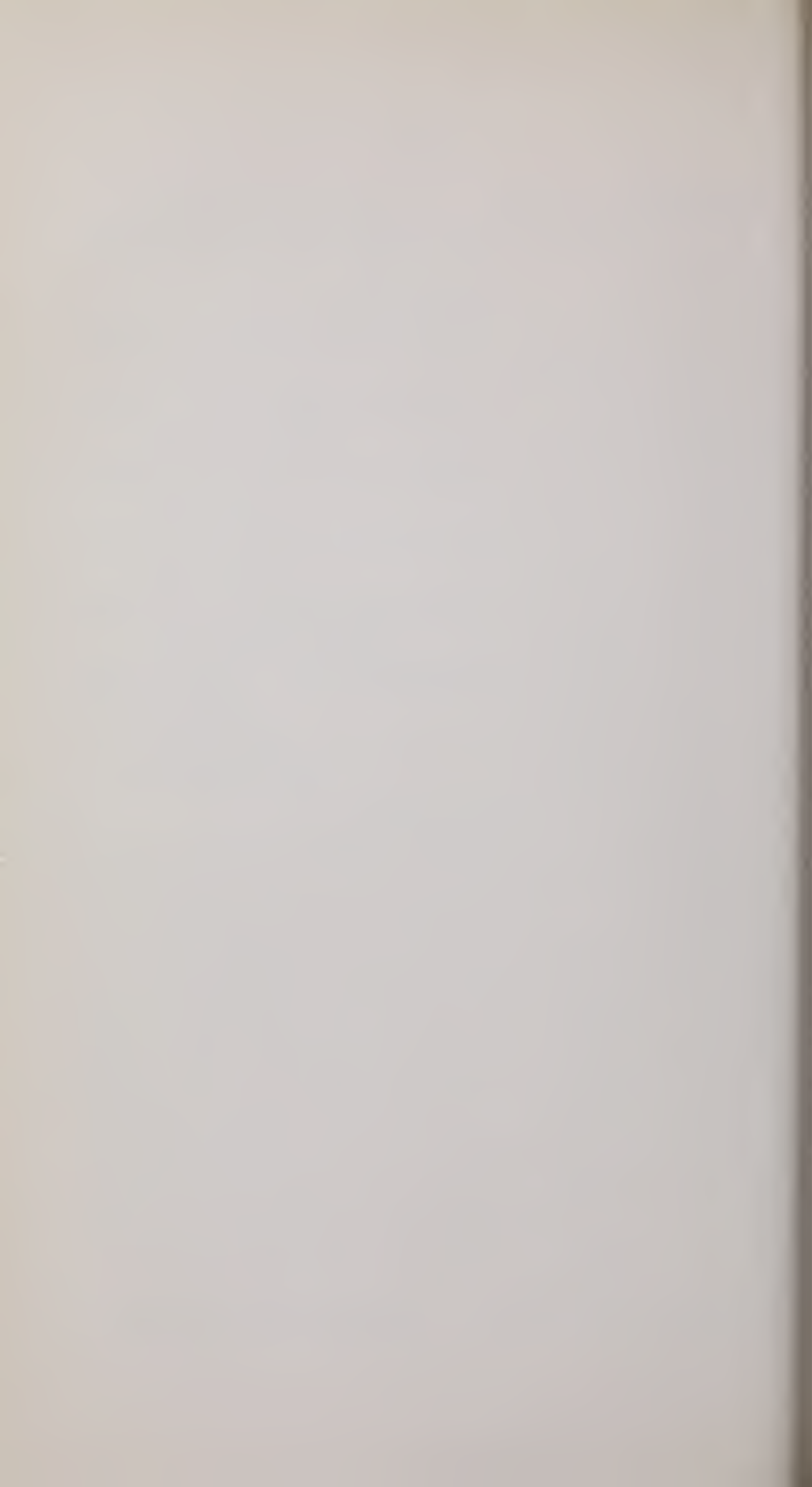
Luther E. Leland, Master, Hamilton School,	\$1,900 00	
Anna G. Swain, Head Assistant, Hamilton School,	750 00	
Sarah H. Jumper, Assistant, Hamilton School,	568 75	
George L. Chandler, Master, Williams School,	1,537 50	
Elizabeth A. Pinnock, Head Assistant, Williams School,	750 00	
Ella F. Brown, Ass't, Williams School,	600 00	
Ann B. Smith, " "	600 00	
Susan E. Copeland, " "	375 00	
S. Frances Richards, " "	206 25	

District No. 3.

Levi F. Warren, Master, Pierce School,	\$1,900 00	
Sarah A. Warren, Head Assistant, Pierce School,	750 00	
Mary J. Pickering, Ass't Pierce School,	600 00	
Eliza E. Simmons, " "	600 00	
Ella G. Bates, Principal, Davis School,	750 00	
Calista S. Wood, Ass't, " "	600 00	
Sarah E. Foster, " "	600 00	
Lucy E. Davis, " "	375 00	
Susan E. Copeland, " "	225 00	
Elizabeth F. Paddock, Principal, Franklin School,	750 00	

<i>Amounts carried forward,</i>	\$45,418 75	\$72,613 34
---------------------------------	-------------	-------------







<i>Amounts brought forward,</i>	\$45,418 75	\$72,613 34
Susan P. Richmond, Assistant, Franklin School,	600 00	
Emma J. Thompson, Assistant, Franklin School,	600 00	
William A. Spinney, Master, Adams School,	1,537 50	
Jennie L. Morehouse, Head Assist- ant, Adams School,	468 75	
Jennie M. Edwards, Head Assistant, Adams School,	281 25	
Estella M. Haynes, Ass't, Adams School,	600 00	
Lydia A. Brierly, " "	600 00	
Alice Pitts, Principal, Claflin School,	750 00	
Lilla T. Wilder, Ass't, "	600 00	
Lizzie Flint, " "	600 00	
Mary R. Ware, " "	225 00	
N. Gertrude Bean, " "	160 00	

District No. 4.

H. Chapin Sawin, Master, Bigelow School,	\$1,900 00	
Eudora Sanford, Head Ass't, Bigelow School,	750 00	
Martha M. Bakeman, Ass't. Bigelow School,	600 00	
S. Louise Shelton, Ass't Bigelow School,	600 00	
Anna F. Gage, Assistant, Bigelow School,	600 00	
Mary H. Dwyer, Assistant, Bigelow School,	600 00	
<i>Amounts carried forward,</i>	<u>\$57,491 25</u>	<u>\$72,613 34</u>

<i>Amounts brought forward,</i>	\$57,491 25	\$72,613 34
Josephine H. Waters, Ass't, Bigelow School,	435 00	
Augusta A. Lintell, Ass't, Bigelow School,	137 50	
Emma M. Cleary, Ass't, Underwood School,	600 00	
Annie L. Wood, Ass't, Underwood School,	600 00	
Josephine W. Littlefield, Ass't, Underwood School,	600 00	
Mary R. Ware, Ass't, Underwood School,	165 00	
Lizzie C. Clark, Ass't, Underwood School,	125 00	
Allotta C. Wilmarth, Ass't, Lincoln School,	600 00	
George G. Edwards, Principal, Jackson School,	1,237 50	
Abby J. Warner, Assistant, Jackson School,	600 00	
Ella M. Hotchkiss, Assistant, Jackson School,	600 00	
H. Augusta Millard, Ass't, Jackson School,	600 00	
Louise W. Clelland, Ass't, Jackson School,	600 00	

Janitors.

John Cummings, High and Claflin,	650 00	
John McCamman, Bigelow, Underwood and Lincoln,	626 00	

<i>Amounts carried forward,</i>	<u>\$65,667 25</u>	<u>\$72,613 34</u>
---------------------------------	--------------------	--------------------

<i>Amounts brought forward,</i>	\$65,667 25	\$72,613 34
Thomas Woodman, Mason,	560 00	
Thomas Johnson, Pierce and Davis,	425 00	
Jeremiah McNamara, Adams and Jackson,	400 00	
J. L. Randall, Prospect,	345 00	
Martin Walsh, Williams,	275 00	
Bridget Cox, Franklin,	200 00	
James H. Boit, Hamilton,	180 00	
Enoch Houston, Hyde,	200 00	
John Mohr, Thompsonville,	96 00	
W. E. Wiswell, Oak Hill,	86 00	
H. F. Sanderson, Oak Hill,	10 00	

Fuel.

J. Edward Hills, coal,	\$4,012 04	
Almshouse Department, wood,	135 00	
C. F. Eddy & Co., "	11 30	
Paul & Cleveland, "	10 75	
<hr/>		
Total, as per item No. 28 of expenses,		\$72,613 34

School Incidentals and Repairs.

Appropriation,	\$9,000 00	
Transferred from General Appropri- ation for Schools,	599 16	
Transferred from Appropriation for Conveyance of Pupils,	150 00	
Transferred from Appropriation for Evening Schools,	103 99	
Transferred from Appropriation for Industrial and Mechanical Drawing,	97	
<hr/>		\$9,854 12
<i>Amount carried forward,</i>		\$9,854 12

<i>Amount brought forward,</i>		\$9,854 12
Knight, Adams & Co., books, stationery, etc.,	3,507 25	
Rand, Avery & Co., printing reports, etc.,	417 53	
Water Department, use of water,	376 00	
Henry McElwin, blackboards,	379 33	
Simpson Bros., concreting,	289 23	
E. B. Bowen, Treasurer, for rent of Thompsonville Schoolhouse,	150 00	
H. M. Stimson & Co., printing, etc.,	130 50	
James Claffy, cleaning vaults, etc.,	84 00	
J. H. Daniels, diplomas, graduating class,	81 60	
N. & W. Gas Light Co., gas,	69 65	
City of Newton, bill for curbing,	67 05	
J. Walter Fewkes, course of lectures,	60 00	
A. W. Carter, taking census of children from 5 to 15,	40 00	
R. L. Hinds, services as truant officer,	25 00	
J. D. Henthorn, " "	25 00	
C. O. Davis, " "	25 00	
G. E. F. Baker, " "	25 00	
E. A. Walker, furnaces, etc.,	488 00	
A. W. Snow, " "	324 13	
O. B. Leavitt, " "	159 90	
Milo Lucas, material and labor,	361 93	
Charles E. Small, " "	164 72	
H. F. Wellington, " "	158 88	
Sidney P. Clark, " "	109 98	
Smith & Pickthall, " "	100 00	
J. C. Farrar, " "	81 11	
<i>Amounts carried forward,</i>	\$7,700 79	\$9,854 12

<i>Amounts brought forward,</i>	\$7,700 79	\$9,854 12
James McGourty, material and labor	64 03	
Allen Jordan, " "	59 17	
E. A. Smallwood, " "	52 50	
George T. Weston, " "	52 05	
J. O. Evans & Son, " "	51 15	
Cranitch & Horrigan, " "	49 52	
L. A. Gammans, material and labor,	47 21	
Isaac Smith, " "	42 33	
W. J. Wilson, " "	38 75	
O. F. Lucas, " "	36 22	
J. H. Cushman, " "	29 50	
W. L. Smith, " "	25 50	
Eben C. Clark, " "	25 03	
C. S. Phillips, " "	24 38	
C. C. Pottle, " "	28 81	
J. E. Trowbridge, " "	18 31	
E. S. Bickford, " "	17 20	
W. A. Roffe, " "	13 74	
F. E. Garland, " "	15 00	
D. F. McAlister, " "	11 39	
J. F. Wheeler, assignee, " "	8 25	
Higgins & Nickerson, " "	7 00	
Scott & Mahar, " "	5 75	
NewEngland School Furn'g Co., supplies	257 07	
Thayer & Stiles, " "	146 51	
Peabody & Whitney, " "	145 15	
E. W. Sampson, " "	143 46	
A. G. Whitcomb, " "	75 27	
Greenwood & Co., " "	18 03	
Boston School Supply Co., " "	12 00	
W. O. Knapp & Co., " "	8 72	
<i>Amounts carried forward,</i>	\$9,229 79	\$9,854 12

<i>Amounts brought forward,</i>	\$9,229 79	\$9,854 12
George W. Choate, repairing clocks, etc.,	47 37	
J. F. Brown,	14 00	
George Gould,	12 00	
A. J. Macomber,	11 00	
Albert Phipps,	8 00	
J. E. Gammons,	7 75	
M. W. Tewksbury, books,	21 42	
William Ware & Co., "	22 40	
A. C. Stocking, "	15 84	
Ward & Gay, blank books,	13 00	
J. L. Hammett, dumb bells,	32 00	
S. T. Blanchard, binding books,	30 00	
C. J. Ward, process for manipulating glass,	25 00	
A. M. Fuller, conveyance of pupils,	16 20	
J. H. Hoyt, tuning piano, etc.,	28 00	
G. H. Browne, "	10 00	
Smith Am. Organ Co., "	7 50	
Isaac Hagar, sundry cash expenses,	26 68	
A. L. Harwood, "	5 95	
Thomas Johnson, "	5 94	
F. H. Hunting, expressage expenses,	20 00	
C. H. Jenison, "	8 80	
Thomas Hall, repairs, etc.,	15 50	
J. L. Randall, "	11 45	
V. Haffermehl, "	6 95	
W. P. Leavitt, "	5 50	
John McCamman, supplies,	10 75	
G. M. D. Fernald, bells and fixtures,	9 85	
Newton Cemetery Corporation, lawn mower,	12 00	
<i>Amounts carried forward,</i>	<u>\$9,690 64</u>	<u>\$9,854 12</u>

<i>Amounts brought forward,</i>	\$9,690 64	9,854 12
C. W. Lerner & Co., disinfectant,	8 00	
Ames Plow Co., platform truck,	8 00	
Newton Republican, printing,	6 50	
Asahel Wheeler, chloride lime,	6 26	
Elias Caswell, moving furniture,	6 00	
John Cummings, "	5 00	
D. Appleton & Co., Index, Am. Cyclo- pædia,	6 00	
C. E. Bruce, cyclopædia,	6 00	
M. Hewitt, furnace rakes,	6 00	
Jerome Rice, curtains and fixtures,	6 00	
Dr. A. W. Whitney, examination at Jack- son school,	5 00	
Martin Walsh, labor,	5 00	
Patrick Kennedy, "	5 00	
Sundry small bills,	84 72	
Total, as per item No. 29 of expenses,		\$9,854 12

**Changing Water Closets and Alterations in Mason School
Building (Special).**

Appropriation,		\$2,500 00
Ware & Van Brunt, services as ar- chitects, etc.,	\$107 60	
George F. Meacham, serv. as architect,	40 00	
W. H. French & Co., for plumbing work,	888 09	
William Petigrew, for carpenter work,	718 95	
Charles S. Phillips, for painting,	69 18	
N. & W. Gas Light Co., for chang- ing fixtures,	9 92	
Total, as per item No. 30 of expenses,		1,833 74
Balance unexpended, transferred into Treasury,		\$666 26

SIDEWALKS.

Appropriation,	\$3,000 00	
Transferred from Appropriation for Land Damages, by order of City Council,	650 00	
	<hr/>	\$3,650 00
Simpson Bros., concreting,	\$2,912 44	
Highway Department, labor, men and teams,	590 11	
C. H. & A. F. Ireland, material and labor,	129 81	
George Frost, half expense side- walk, Highland Street,	17 64	
	<hr/>	
Total, as per item No. 31 of expenses,		\$3,650 00

SINKING FUND. WATER BONDS.

Appropriation,	\$6,500 00	
Special Appropriation,	8,000 00	
	<hr/>	\$14,500 00
Amount paid Commissioners of Sinking Fund, as per item No. 32 of expenses,		\$14,500 00

SINKING FUND. CITY DEBT.

Appropriation,	\$12,750 00
Amount paid Commissioners of Sinking Fund, as per item No. 33 of expenses,	12,750 00

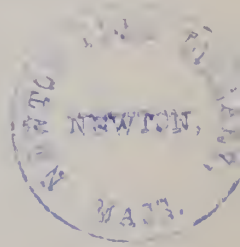
SALARIES.

Appropriation,	\$12,900 00
<i>Amount carried forward,</i>	<hr/> \$12,900 00

<i>Amount brought forward,</i>		\$12,900 00
R. M. Pulsifer, Mayor,	\$1,000 00	
Edwin O. Childs, City Clerk,	1,800 00	
John A. Kenrick, Treasurer and Collector,	2,400 00	
John A. Kenrick, for Assistant,	800 00	
Peter Thacher, City Collector,	1,000 00	
Benjamin F. Otis, City Auditor,	1,600 00	
Isaac Hagar, Chairman Assessors,	1,200 00	
Samuel M. Jackson, Assessor,	700 00	
Howard B. Coffin, "	700 00	
Joseph D. Wellington, City Messenger,	900 00	
Orrin Whipple, Assistant Assessor,	36 00	
Joseph Walker, "	70 00	
O. F. Lucas, "	36 00	
Rufus Moulton, "	40 00	
S. N. Woodward, "	56 00	
George Warren, "	78 00	
John Warner, "	44 00	
Joseph D. Wellington, Sealer of Weights and Measures,	75 00	
Total, as per item No. 34 of expenses,		\$12,835 00
Balance unexpended, transferred into Treasury,		\$65 00

STATE AID.

Appropriation,		\$1,300 00
Joshua V. Ramsdell,	\$120 00	
S. C. Spaulding,	72 00	
Thomas Dinnean,	72 00	
William Watson,	72 00	
<i>Amounts carried forward,</i>	\$336 00	\$1,300 00



<i>Amounts brought forward,</i>	\$336 00	\$1,300 00
Ann Duvall,	64 00	
N. D. Tibbetts,	54 00	
M. Hagerty,	48 00	
B. Madden,	48 00	
Thomas Dolan,	48 00	
Eliza M. Jackson,	48 00	
L. T. Sanger,	48 00	
E. Burke,	48 00	
Anna C. Boyd,	48 00	
Mary Duran,	48 00	
Sarah Fell,	48 00	
Catherine McAleer,	48 00	
E. H. Belcher,	44 00	
Mary A. B. Pratt,	44 00	
Mary Welch,	44 00	
Benjamin E. Sweetland,	43 50	
E. P. Pratt,	28 00	
Lowell M. Maxham,	27 00	
Thomas McMahon,	16 50	
C. Gunnison,	4 00	
William Leonard,	4 00	
Total, as per item No. 35 of expenses,		1,189 00
Balance unexpended, transferred into Treasury,		\$111 00

TAXES, 1880, STATE.

Amount assessed for State Tax,	\$24,120 00
Amount paid to State Treasurer, as per item No. 36 of expenses,	\$24,120 00

TAXES, 1880, COUNTY.

Amount assessed for County Tax,	\$12,120 60
Amount paid to County Treasurer, as per item No. 37 of expenses,	\$12,120 60

TAXES, 1880, NATIONAL BANK.

Amount paid to Commonwealth of Massachusetts, for non-Residents of Newton, National Bank shares, as per item No. 38 of expenses,	\$806 28
--	----------

TAXES, 1880, CORPORATION.

Amount paid to Commonwealth of Massachusetts, per item No. 39 of expenses,	\$2 98
---	--------

TEMPORARY LOANS.

Nov. 3, paid Commonwealth of Massa- chusetts,	\$60,000 00
Nov. 8, paid Commonwealth of Massa- chusetts,	60,000 00
Nov. 10, paid Massachusetts Hospital Life Insurance Co.,	60,000 00
Dec. 8, paid Suffolk Savings Bank,	30,000 00
Total, as per item No. 40 of expenses,	\$210,000 00

USE OF HYDRANTS.

Appropriation,	\$7,600 00
Water Department,	\$7,600 00
Total, as per item No. 41 of expenses,	\$7,600 00

WATER MAINTENANCE.

Appropriation,		\$9,350 00
Albert S. Glover, services as registrar,	\$1,500 00	
Albert S. Glover, sundry office expenses,	25 97	
H. N. Hyde, Jr., services as superintendent,	1,500 00	
H. N. Hyde, Jr., sundry cash expenses,	49 72	
J. C. Whitney, services as inspector, etc.,	630 20	
Thomas Coughlan, services as engineer,	1,180 00	
J. W. Kent, services as fireman, etc.,	590 00	
Pay-roll of laborers,	2,179 83	
James Nickelson, wood and coal,	470 04	
Albert Brackett, coal,	13 00	
J. Edward Hills, "	12 50	
E. Smead & Co., hay and grain,	148 30	
Alvah Walker & Co., oil,	84 60	
Leonard & Ellis, oil,	63 75	
Boston Machine Co., supplies,	64 75	
H. R. Worthington, "	41 28	
Thomas C. Lothrop & Co., supplies,	38 87	
Boston Car Spring Co., supplies,	16 55	
Howe & French, "	13 94	
Paine & Morehouse, "	10 67	
D. C. Morgan, "	8 25	
G. Wadleigh, "	4 54	
Parker & Gannett, "	3 10	
L. Armstrong, "	3 00	
<i>Amounts carried forward,</i>	<u>\$8,652 86</u>	<u>\$9,350 00</u>





<i>Amounts brought forward,</i>	\$8,652 86	\$9,350 00
J. C. Fuller, supplies,	2 98	
Adam Beck, material and labor,	42 00	
Charles Scott, "	33 85	
G. F. Fuller, "	33 54	
E. F. Moses, "	22 50	
M. Hewitt, "	16 50	
Charles A. Cole, "	9 75	
J. Langtry, "	9 65	
J. D. Billings, "	5 92	
O. B. Leavitt, "	3 60	
E. T. Holmes, telephone rental,	40 00	
Charles Williams, Jr., "	40 00	
Stearns & George, "	20 00	
Stephen F. Cate, use of horse and carriage,	42 50	
Harris' Express, use of horse and carriage,	15 00	
D. Harrington & Son, use of horse and carriage,	6 50	
W. H. Mague, use of horse and carriage,	5 00	
G. W. Bush, use of horse and car- riage,	5 00	
J. E. Cahill, use of horse and car- riage,	5 00	
A. F. Noyes, sundry cash expenses,	18 42	
H. Whitney, hay,	19 06	
Charles M. Fay, hay,	12 95	
John Ward, "	11 66	
John Keating, teaming wood,	15 75	
Daniel Murphy, labor,	15 00	
<i>Amounts carried forward,</i>	<hr/> \$9,104 99	<hr/> \$9,350 00

<i>Amounts brought forward,</i>	\$9,104 99	\$9,350 00
Timo. Stuart, labor, men and teams,	12 00	
Cranitch & Horrigan, material and labor,	14 31	
N. & W. Gas Light Co., gas,	8 90	
Ames Plow Co., stalk cutter,	6 00	
Bosworth's Express, expressage,	5 25	
T. A. Ward, care of reservoir,	48 00	
J. E. Warner, services,	4 50	
J. Quincy Harrington, filing saws, etc.,	4 00	
Dr. E. F. Thayer, care and medicine for sick horse,	10 00	
Sundry small bills,	5 75	
	<hr/>	
Total, as per item No. 42 of expenses,		9,223 70
		<hr/>
Balance unexpended, transferred into Treasury,		\$126 30

**WATER MAINTENANCE, METER AND SERVICE
PIPE.**

Appropriation,	\$3,500 00	
Additional, transferred from receipts by order City Council,	750 00	
	<hr/>	\$4,250 00
Pay-roll of laborers,	\$1,809 65	
H. R. Worthington, meters, etc.,	1,682 70	
National Meter Co.,	" 164 50	
W. E. Desper,	" 15 85	
Union Water Meter Co., repairing meters,	53 00	
Thomas Cunningham & Sons, pipe,	244 73	
	<hr/>	
<i>Amounts carried forward,</i>	\$3,970 43	\$4,250 00

<i>Amounts brought forward,</i>	\$3,970 43	\$4,250 00
Walworth Manf. Co., supplies,	167 03	
Jenkins Bros.,	18 54	
Davis & Farnum Manf. Co., supplies,	2 05	
B. & A. Railroad, freight,	22 27	
The Local Line Through Freight Co., freight,	5 86	
H. N. Hyde, Jr., sundry cash expenses,	9 80	
D. Harrington & Son, horse and carriage hire,	6 00	
O. B. Leavitt, material and labor,	4 31	
Sundry small bills,	5 95	
Total, as per item No. 43 of expenses,		4,212 24
Balance unexpended, transferred into Treasury,		\$37 76

WATER MAINTENANCE (SPECIAL).

Appropriation,	\$600 00
W. E. Worthen, services as engineer,	\$535 00
Total, as per item No. 44 of expenses,	535 00
Balance unexpended, transferred into Treasury,	\$65 00

WATER CONSTRUCTION.

Total expenditure to Dec. 31, 1879,	\$835,283 23
Pay-rolls of laborers,	\$6,054 05
Warren Foundry & Machine Co., iron pipe,	4,181 00
Davis & Farnum Manf. Co., castings, etc.,	1,498 28
<i>Amounts carried forward,</i>	\$11,733 33
	\$835,283 23

<i>Amounts brought forward,</i>	\$11,733 33	\$835,283 23
Boston Machine Co., hydrants, etc.,	821 40	
Chapman Valve Manf. Co. " "	758 81	
Walworth Manf. Co., supplies,	641 07	
Chadwick Lead Works, lead,	582 01	
W. H. Mahanna <i>et al.</i> , labor, etc.,	393 50	
Boston & Albany Railroad, freight,	359 67	
Thomas Cunningham & Sons, pipe,	303 97	
Camden Iron Works, "	210 36	
Timothy Stuart, carting pipe, etc.,	208 95	
G. Fuller & Son, lumber,	185 33	
Otis Pettee & Co., supplies,	160 02	
John T. Langford, lead,	107 36	
M. Hewitt, blacksmithing,	257 26	
E. Keegan, "	123 85	
Chas. A. Cole, "	94 59	
A. Peters, "	86 55	
A. Danforth, "	44 50	
B. F. Barlow, "	12 94	
J. C. Farrar, "	10 39	
Lathrop & Bourne "	4 78	
P. A. McVicar, "	3 31	
Thomas Belger, "	1 32	
D. Harrington & Son, use of horse and carriage,	94 87	
Geo. F. Blake Manf. Co., use of pump,	90 00	
Boston Car Spring Co., supplies,	78 35	
Edward Crocker, labor at pumping station,	73 50	
E. Smead & Co., hay and grain,	71 94	
Bosworth's express, expressage,	70 70	
Farrar, Follett & Co., wire,	54 91	
<i>Amounts carried forward,</i>	\$17,639 54	\$835,283 23

<i>Amounts brought forward,</i>	\$17,639 54	\$835,283 23
George Dunbar & Co., supplies,	52 20	
Thomas C. Lothrop & Co., "	41 33	
L. N. Hatch, "	37 75	
G. Wadleigh, "	25 80	
A. J. Fiske & Co., "	23 93	
Frost & Adams, "	18 90	
Stearns & George, supplies,	16 09	
O. F. Howe, "	15 63	
Paine & Morehouse, "	14 03	
Parker & Gannett, "	13 00	
G. A. Goodyear, powder and fuse,	46 25	
Portland Stone Ware Manuf. Co.,		
cement, etc.,	51 15	
T. W. Hoxie & Co., cement, etc.,	23 25	
Darling & Stebbins, "	13 50	
Paul & Cleveland, brick, etc.,	20 60	
S. C. Nightingale, hose, etc.,	25 64	
Ross, Turner & Co., hose,	20 00	
H. M. Darling & Co., globes, etc.,	19 00	
Sabin & Page, blankets,	17 00	
J. M. Briggs, painting,	16 00	
N. & W. Gas Light Co., gas,	14 64	
C. M. Fay, hay,	14 61	
John Ward, "	13 15	
Harris Express, expressage,	11 25	
Sewall & Day, Cordage Co., jute bands,	10 40	
Howe & French, brimstone,	9 76	
Bagnell & Loud, block,	9 00	
Orrin Whipple, lumber,	7 20	
Jenkins Bros., packing,	6 30	
L. Nickerson, making awning,	6 00	
<i>Amounts carried forward,</i>	\$18,252 90	\$835,283 23

<i>Amounts brought forward,</i>	\$18,252 90	\$835,283 23
S. F. Cate, use of horse and carriage,	6 00	
E. F. Moses, material and labor,	41 25	
J. D. Billings, " "	36 85	
J. J. McNutt, " "	17 81	
Charles Scott, " "	16 50	
Sundry small bills,	55 42	
On account of suit <i>v.</i> Devlin, Long & Moore, to Russell and others, by order of City Council,	662 20	
Total, as per item No. 45 of ex- penses,	<hr/> \$19,088 93	

	Received.		
Rebate on bill of supplies,	\$2 00		
Received for laying service pipe, etc.,	499 48		
Total, as per item No. 35 of receipts,	\$501 48		
Transferred from receipts from Service Pipe and Meters, by order of City Council,	1,442 92		
	<hr/>	1,944 40	
		<hr/>	17,144 53
Total Expenditure to Dec. 31, 1880,			<hr/> \$852,427 76

SCHEDULE OF CITY PROPERTY, REAL AND PERSONAL.

Almshouse Department.

40 acres of land,	\$10,000 00
<i>Amount carried forward,</i>	<hr/> \$10,000 00

<i>Amount brought forward,</i>	\$10,000 00	
Buildings,	5,000 00	
Personal Property,	3,000 00	
	<hr/>	\$18,000 00

City Hall Department.

City Hall, furniture and fixtures,	\$40,000 00	
City seal,	25 00	
City stamps,	35 00	
Reports, statutes and special laws,	300 00	
Set standard weights and measures,	100 00	
Record books,	200 00	
Book-cases, maps, etc.,	100 00	
	<hr/>	40,760 00

Cemetery Department.

Land in Newton Cemetery,	\$2,000 20	
Tomb, "	800 00	
	<hr/>	2,800 00

City Engineering Department.

Two transits, \$200 each,	\$400 00	
Three " 140 "	420 00	
Two levels, 120 "	240 00	
Draughting materials,	126 00	
Surveying "	48 00	
Tools,	12 00	
Horse, wagon, etc.,	300 00	
	<hr/>	1,546 00

Fire Department.

Steam Fire Engine House, No. 1		
Engine, and apparatus, furni-		
ture, lock-up, dwelling-house,		
stable and land,	\$20,000 00	
	<hr/>	
<i>Amounts carried forward,</i>	\$20,000 00	\$63,106 00

<i>Amounts brought forward,</i>	\$20,000 00	\$63,106 00
Steam Fire Engine House, No. 2 Engine, apparatus, land, etc.,	25,000 00	
Steam Fire Engine House, No. 3 Engine, and apparatus, furniture, stable, lock-up, land, etc.,	28,000 00	
Hook and Ladder House, stable, land, etc.,	18,000 00	
Hook and Ladder Carriage, etc., Newtonville,	800 00	
Hose Carriage, hose, etc., Newtonville,	1,500 00	
Hose Carriage house, stable, etc., Auburndale,	5,000 00	
Hose Carriage, hose, etc., Auburn-dale,	800 00	
Hose Carriage house, stable, etc., Lower Falls,	7,000 00	
Hose Carriage, hose, etc., Lower Falls,	1,500 00	
Fire Engine house, engine, land, etc., Upper Falls,	5,000 00	
Hose Carriage, hose, etc., Upper Falls,	1,500 00	
Fire Alarm Telegraph, including team, etc.,	18,000 00	
	<hr/>	132,100 00

Free Library Department.

Newton Free Library, b'ld'g and land,	\$42,000 00	
Books,	10,000 00	
	<hr/>	52,000 00
<i>Amount carried forward,</i>		<hr/> \$247,206 00

Amount brought forward,

\$247,206 00

Gravel and Gravel Lands.

Land on Jewett Street, Ward, 1, 2,000 00

" on Dalby Street, " 1, 200 00

" on Dalby Street, " 1, 100 00

" on Crafts Street, " 2, 500 00

" on Chapel Street, " 2, 100 00

" on Watertown Street, " 2, 1,000 00

" in North Village, " 2, 100 00

" in North Village, " 2, 100 00

" on Auburndale Ave., " 3, 1,200 00

" on Pine Street, " 3, 250 00

" in Pine Street, " 3, 550 00

Gravel on Washington St., Ward 4, 1,000 00

" on Washington St., " 4, 1,400 00

" on Walnut Street, Ward 6, 600 00

" on Elliot Street, " 5, 500 00

" on Parker Street, " 5, 250 00

Land on Willow and Centre Streets,

Ward 6, 500 00

Land on Florence Street, Ward 5, 800 00

Land on Beacon Street, Ward 6, 200 00

Land on Homer Street, Ward 6, 5,000 00

16,350 00**Highway Department.**

21 cart horses, \$225, \$4,725 00

17 horses used by Fire Dept., \$225, 3,825 00

3 horses, \$100, 300 00

2 horses for Superintendent of Streets, 375 00

25 double and single carts, 2,500 00

Amounts carried forward,

\$11,725 00 \$263,556 00

<i>Amounts brought forward,</i>	\$11,725 00	\$263,556 00
43 harnesses,	850 00	
4 double sleds, \$200,	800 00	
2 stone-crushers and houses,	4,000 00	
2 stone wagons, wagon, carriage and sleigh,	525 00	
Tools, chains, derricks, blankets, etc.,	1,600 00	
	<hr/>	19,500 00

Lighting Department.

For 1,113 posts, lanterns, burners, etc., \$10,	11,130 00
---	-----------

Police Department.

Station-house, building and land, No.		
Village,	\$4,000 00	
Furniture and bedding,	50 00	
Furniture and bedding, Ward 1,	50 00	
Furniture and bedding, " 6,	75 00	
Wagon and harness,	150 00	
Horse, saddle and bridle,	200 00	
Horse, saddle and bridle,	125 00	
15 pairs handcuffs, \$3.75,	56 25	
13 clubs, \$2,	26 00	
6 lanterns, \$2.50,	15 00	
16 badges,	100 00	
15 parade clubs and belts, \$3.50,	52 50	
Blankets,	20 00	
Record Books,	25 00	
	<hr/>	4,944 75

School Department.

High School bl'd'gs, furn're and land, \$57,000 00		
Mason School-house, "	49,100 00	
	<hr/>	
<i>Amounts carried forward,</i>	\$106,100 00	\$299,130 75





<i>Amounts brought forward,</i>		\$106,100 00	\$299,130 75
Hyde school-house furn're and land,		22,000 00	
Prospect	"	30,000 00	
Prospect	No. 2, "	6,000 00	
Oak Hill	"	12,000 00	
Hamilton	"	28,000 00	
Williams	"	27,000 00	
Pierce	"	32,000 00	
Davis	"	13,000 00	
Franklin	"	15,000 00	
Clafin	"	31,900 00	
Adams	"	22,000 00	
Bigelow	"	34,000 00	
Underwood	"	24,000 00	
Lincoln	"	5,500 00	
Jackson	"	14,000 00	
School apparatus,		5,000 00	
School-house lot on Pearl Street,		2,000 00	
		<hr/>	429,500 00

Water Department.

Building for pipe fitting, etc., stable and land,	3,500 00
	<hr/>
	\$732,130 75

For cost of Water Works, see Water Construction Account.

Table Showing the Number of Polls, Real and Personal Estate of the City, Amount of Tax, Rate per cent, Appropriations, etc., for Twenty Years.

A. D.	Polls.	Real Estate.	Personal.	Total.	City, State and County Tax.	Rate.	Appropriations.	Houses.
1861.	2,056	\$5,644,285 00	\$1,955,835 00	\$7,600,120 00	\$57,804 88	\$7 20	\$47,500 00	1,330
1862.	1,989	5,476,805 00	2,495,821 00	7,922,620 00	56,599 17	6 60	35,000 00	1,374
1863.	1,911	5,504,367 00	2,988,195 00	8,492,562 00	64,968 65	7 20	40,000 00	1,399
1864.	2,046	5,637,755 00	2,309,021 00	7,946,776 00	78,000 55	9 50	52,500 00	1,421
1865.	2,118	5,756,185 00	3,390,075 00	9,146,260 00	113,991 12	12 00	60,000 00	1,438
1866.	2,297	6,394,835 00	4,560,724 00	10,955,559 00	114,149 59	10 00	75,000 00	1,491
1867.	2,438	7,227,285 00	4,995,127 00	12,222,412 00	153,990 88	12 20	95,000 00	1,552
1868.	2,736	9,104,567 00	5,366,602 00	14,441,169 00	193,208 88	13 00	160,000 00	1,671
1869.	2,937	10,288,610 00	5,634,266 00	15,922,876 00	188,990 46	11 50	150,000 00	1,826
1870.	3,055	11,407,070 00	6,330,922 00	17,737,992 00	222,514 71	12 20	185,000 00	2,077
1871.	3,199	12,770,420 00	6,615,593 00	19,386,013 00	223,521 32	11 20	185,000 00	2,220
1872.	3,420	15,792,950 00	8,463,904 00	24,256,854 00	334,314 87	13 50	291,050 00	2,392
1873.	3,659	18,446,275 00	7,537,775 00	25,984,050 00	384,089 84	14 50	333,300 00	2,523
1874.	3,917	20,032,800 00	8,048,645 00	28,081,445 00	372,893 53	13 00	320,000 00	2,657
1875.	4,089	21,073,495 00	7,882,374 00	28,955,869 00	399,085 46	13 50	351,000 00	2,876
1876.	4,334	21,128,120 00	7,072,845 00	28,200,965 00	392,201 13	13 60	350,004 99	3,004
1877.	4,045	20,007,025 00	6,627,488 00	26,634,513 00	370,319 38	13 60	402,200 00	3,057
1878.	3,882	18,604,105 00	6,408,825 00	25,012,930 00	352,942 43	13 80	378,400 00	3,150
1879.	4,010	17,456,655 00	6,330,697 00	23,787,352 00	326,959 64	13 40	367,850 00	3,178
1880.	4,132	17,718,270 00	7,481,830 00	25,200,100 00	361,139 40	14 00	388,525 00	3,214

TABLE

*Showing amount paid for support of Poor out of Alms-house
from 1851 to 1880, inclusive.*

1851 . . .	\$138 56	1866 . . .	\$643 72
1852 . . .	104 94	1867 . . .	1,268 08
1853 . . .	45 70	1868 . . .	1,464 53
1854 . . .	38 10	1869 . . .	2,019 28
1855 . . .	73 63	1870 . . .	2,197 41
1856 . . .	135 49	1871 . . .	3,713 39
1857 . . .	204 96	1872 . . .	2,884 79
1858 . . .	387 61	1873 . . .	3,066 59
1859 . . .	358 25	1874 . . .	3,895 51
1860 . . .	500 81	1875 . . .	5,553 79
1861 . . .	757 14	1876 . . .	9,336 14
1862 . . .	781 50	1877 . . .	10,259 57
1863 . . .	632 27	1878 . . .	8,284 10
1864 . . .	605 02	1879 . . .	8,246 42
1865 . . .	870 77	1880 . . .	6,455 80

SALARIES OF CITY OFFICERS, 1880.

Mayor,	\$1,000 00
City Clerk,	2,000 00
City Treasurer and Collector,	2,675 00
Assistant for Treasurer and Collector,	1,000 00
City Auditor,	1,700 00
City Solicitor,	1,000 00
Chairman of Assessors,	1,200 00
Two Assessors, each,	700 00
Assistant Assessors, each per day,	4 00
City Messenger,	900 00
Clerk of Common Council,	300 00
Sealer of Weights and Measures,	75 00

Highway Department.

Superintendent of Streets, two horses and carriage furnished,	\$1,200 00
Four Assistant Superintendents, each per day,	2 75
City Engineer,	1, 600 00

Fire Department.

Chief Engineer, team furnished,	\$1,200 00
Assistant Engineer,	300 00
Superintendent of Fire Alarm Telegraph,	800 00
Three Engineers of Steamers, each,	900 00
Four Drivers of Steamers and Hook and Ladder Co., each,	700 00
Eight Foremen of Steamers and Hook and Ladder and Hose Co., each,	80 00
Eight Assistant Foremen and Clerks of Steamers, and Hook and Ladder and Hose Co., each,	65 00
Fifty-eight hosemen and ladder men, each,	60 00

Police Department.

City Marshal, team furnished,	\$1,300 00
Sergeant of Police,	950 00
Two mounted policemen, each,	900 00
Thirteen policemen each,	900 00
Two policemen, each,	825 00
First year of service,	750 00
Second year of service,	825 00
Third and subsequent years,	900 00

Poor Department.

Seven Overseers of Poor, each,	\$50 00
City Almoner and Clerk of Board,	700 00
Warden of Almshouse,	550 00

Water Department.

Water Registrar,	\$1,500 00
Superintendent of Water Works,	1,500 00
Inspector of metres and fixtures,	900 00
Engineer at Pumping Station,	1,200 00
Fireman and Watchman, Pumping Station,	600 00

Schools.

Superintendent,	\$2,700 00
One teacher,	2,700 00
Four teachers, at \$1,900,	7,600 00
One teacher,	1,850 00
Three teachers, at \$1,500,	4,500 00
One teacher,	1,400 00
One teacher,	8,00 00
One teacher,	1,200 00
Three teachers, \$1,000,	3,000 00
Two teachers, \$950,	1,900 00
Thirteen teachers, \$750,	9,750 00
Thirty-nine teachers, \$600,	23,400 00
One teacher,	550 00
One teacher,	500 00
One teacher,	450 00
Three teachers, \$400,	1,200 00
Secretary of School Committee,	300 00

Janitors.

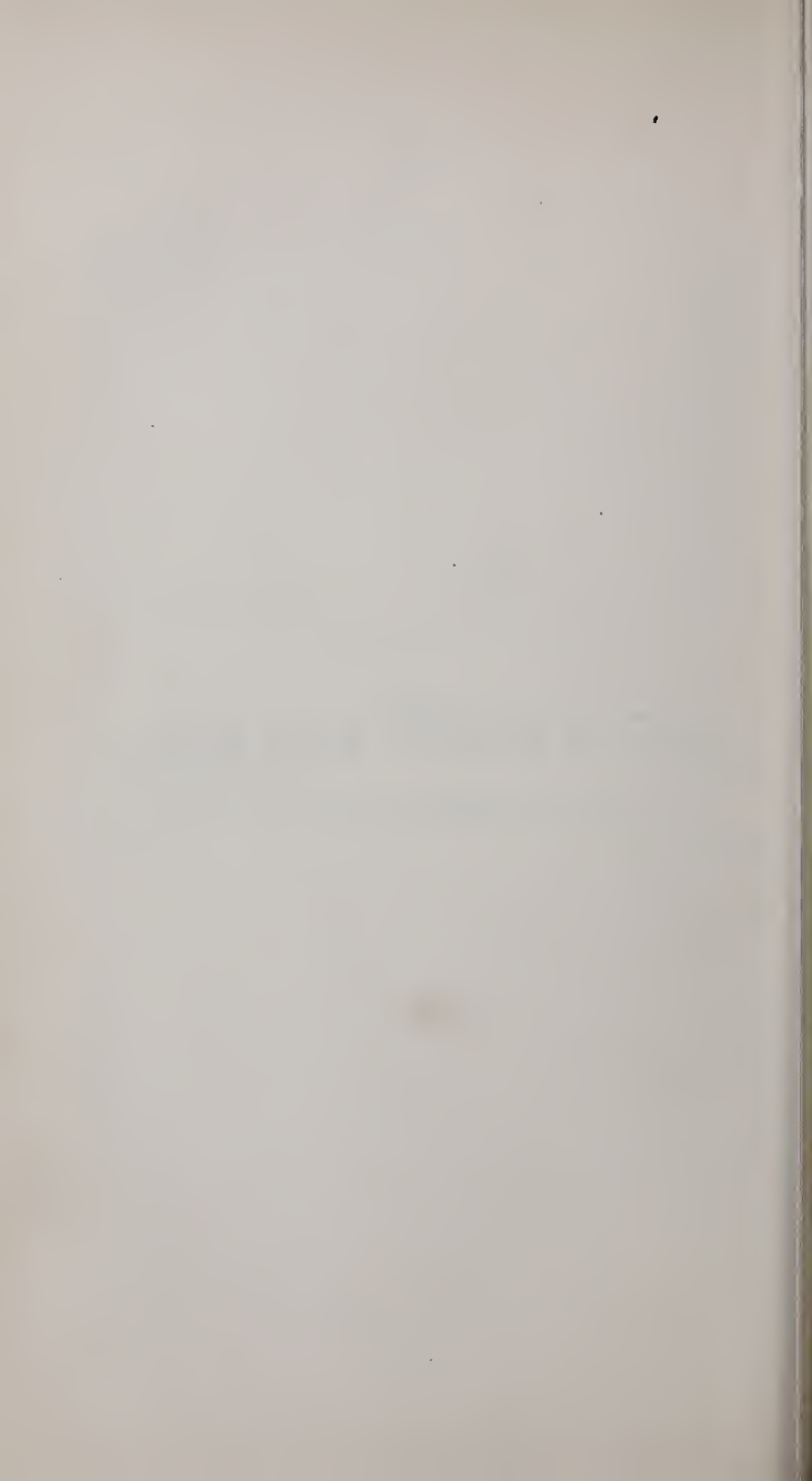
One Janitor,	\$650 00
“	626 00
“	540 00
“	425 00
“	400 00
“	300 00
“	275 00
“	200 00
“	180 00
“	120 00
Two Janitors, at \$96,	192 00

Library.

Librarian,	\$800 00
Assistant Librarian,	500 00
Two assistants, for service, one shilling per hour.	
Janitor,	600 00

CITY CLERK'S REPORT.

1881.



REPORT OF THE CITY CLERK.

CITY OF NEWTON, CITY CLERK'S OFFICE,

February 1, 1881.

The following report of the Births, Marriages and Deaths occurring in this City for the year ending December 31, 1880, are comprised in carefully and accurately prepared tables, which present facts relating to 326 births, 152 marriages and 277 deaths. The aggregate of this registry is 755, an excess of 22 over the total for 1879.

Further comparison with the vital statistics of 1879 shows that in that year the registered number of births was larger by 52; the registered number of marriages was smaller by 45; the registered number of deaths smaller by 29.

The natural increase of population in 1880, or excess of births over deaths, was 49, a number less by 81 than the increase (130), in 1879.

The rate of births, marriages and deaths of Newton parties during the year is as follows:

Births, 19.23+ to 1000 of population.

Marriages, 13.23+ to 1000 of "

Deaths, 16.29+ to 1000 of "

The excess of birth rate over death rate is 2.94+ per thousand, or .294 per cent, a decrease of .395 per cent from 1879.

The excess of death rate in 1880 over that of 1879 was 2.04+ per thousand, or .204 per cent.

The excess of marriage rate in 1880 over that of 1879 was 4.61 + per thousand, or .461 per cent.

One living child was born to every 53 of the population; one person in every 76 at all ages was married; and one person in every 61 died.

The number of still-births was seven, three less than in 1879.

The registered number of male children born alive exceeds that of the females by 5.

MARRIAGES.

The whole number of marriages registered in 1880 was 152. In 1879 the number was 107.

Of the 304 persons married during the year, 225 resided in Newton.

The age of the youngest person married was eighteen years; that of the oldest seventy-one years.

275 persons were married for the first time; 26 for the second time, and 3 for the third time.

The registration of marriages is not ever complete, but the error on this score was not greater in 1880 than in previous years.

DEATHS.

The number of deaths in 1880 exceeds that of 1879 by 29.

The number of deaths under five years of age was 90; 48 males and 42 females.

Consumption was the cause of death in forty-five cases, two more than in 1879.

There were eleven more deaths from pneumonia in 1880

than in 1879 ; five more from cholera infantum ; nine from old age ; six from apoplexy, and sixteen from diphtheria.

The number of deaths from scarlet fever was five less than in 1879 ; from typhoid fever one.

Diphtheria was very prevalent in the city during the year, and proved fatal in thirty-eight cases, twenty-four of its victims being less than five years of age.

There were but three fatal cases of scarlet fever and three of typhoid fever during the year.

The increase of diphtheria in certain localities of the city calls for, and should receive, the prompt attention of the local Board of Health both as to the cause of the disease and the prevention of contagion.

The statute law requiring physicians to report all cases of contagious diseases, is honored in Newton more in the breach than in the observance. With stringent rules of the Board of Health it is to be hoped this evil will be remedied.

TABLE I. — BIRTHS, MARRIAGES AND DEATHS, 1880.

General Abstract, exhibiting the Births, Marriages and Deaths registered in the City of Newton for the year ending December 31, 1880; distinguishing the sex and parentage of children born, the nativity of persons married, and the sex and aggregate and average ages of the number who died.

Population of 1880, 16,996.	BIRTHS.							
	Whole Number.	Sex.			Parentage.			
		M.	F.	Unk.	Am.	For.	Am. Fa. and For. Mo.	For. Fa. and Am. Mo.
	326	165	160	1	144	136	19	27

MARRIAGES.

Couples.	Nativity.			
	American.	Foreign.	Am. Male and For. Female.	For. Male and Am. Female.
152	96	29	13	14

DEATHS.

Persons.	Sex.		No. whose Ages are Registered.	Ages in Years.			
				Under 5 Years.			
	Males.	Females.		Males.	Females.	Aggregate.	Average.
277	136	141	271	48	42	8548	31.54+

TABLE II. — BIRTHS, 1880.

Distinguishing by months and by sex the registered number of children born alive during the year.

SEX.	MONTHS.												TOTAL.
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Male, . . .	10	21	10	9	13	16	14	10	13	13	16	16	161
Female, . . .	11	11	11	10	10	18	19	10	13	9	16	20	158
Totals, . . .	21	32	21	19	23	34	33	20	26	22	32	36	319

TABLE III.

Distinguishing by months and by sex the registered number of still-births during the year.

SEX.	MONTHS.												TOTAL.
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Male, . . .		2							1		1		4
Female, . . .										1	1		2
Not stated, . . .											1		1
Totals, . . .		2							1	1	3		7

TABLE IV. — MARRIAGES.

Distinguishing by months the number of marriages during the year.

COUPLES.	MONTHS.												TOTAL.
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
152	9	10	4	12	7	24	11	3	22	13	20	17	152

TABLE V. — MARRIAGES.

Exhibiting the social condition and ages, respectively, of all parties married during the year ending December 31, 1880.

AGGREGATE OF ALL CONDITIONS.											
	All ages.	Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	65 to 75.
All ages, .	304	12	131	89	37	20	8	2	2	2	1
Males, .	152	2	51	50	26	11	5	2	2	2	1
Females, .	152	10	80	39	11	9	3				

A. — FIRST MARRIAGE OF BOTH PARTIES.

All ages, .	252	12	125	76	28	11					
Males, .	126	2	50	43	23	8					
Females, .	126	10	75	33	5	3					

B. — SUBSEQUENT MARRIAGE OF MALE, BUT FIRST OF FEMALE.

All ages, .	34										
Males, .	17		1	3	3	1	2	2	2	2	1
Females, .	17		3	6	3	2	3				

C. — SUBSEQUENT MARRIAGE OF BOTH PARTIES.

All ages, .	6										
Males, .	3				1		2				
Females, .	3				1	2					

D. — SUBSEQUENT MARRIAGE OF FEMALE, BUT FIRST OF MALE.

All ages, .	12										
Males, .	6			4		1	1				
Females, .	6		2		2	2					

TABLE VI. — DEATHS.

Distinguishing by months and sex the registered number of persons who died during the year.

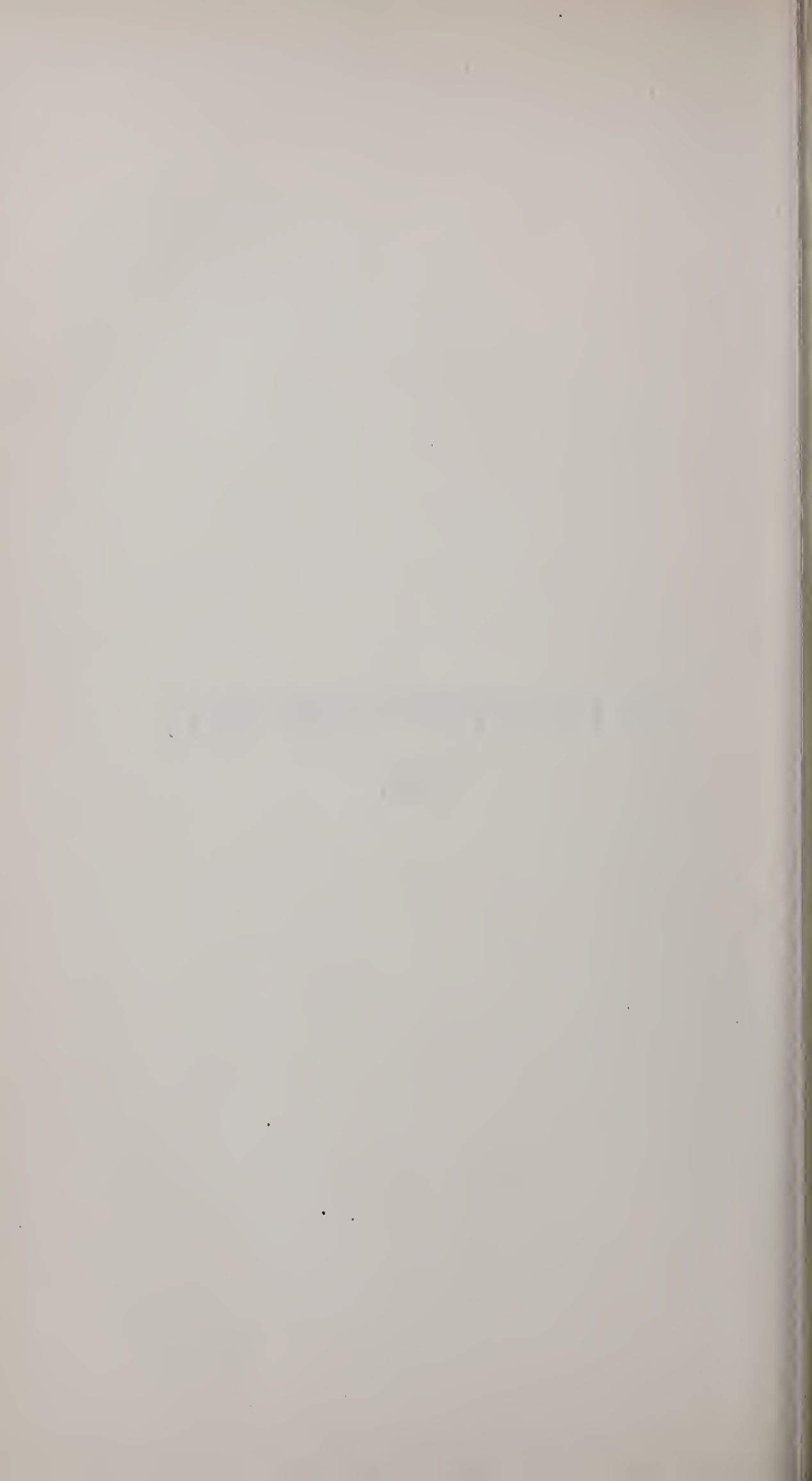
YEAR.	MONTHS.												TOTALS.
277	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
SEX.													
Male. . .	8	8	12	10	16	9	8	15	12	7	15	16	136
Female. . .	12	13	10	7	12	11	8	11	7	14	20	16	141
Totals, . .	20	21	22	17	28	20	16	26	19	21	35	32	277





OVERSEERS' REPORT.

1880.



OVERSEERS' REPORT.

The Board of Overseers of the Poor voted on Thursday to present the following Annual Report to the City Council : —

To the Honorable the City Council of the City of Newton :

GENTLEMEN, — We herewith present the Annual Report of the department placed under our charge, for the year ending December 31, 1880.

During the year past there has been nothing unusual to record, or any special demand upon us for aid, with the exception of an unusual amount of sickness in the prevalence of diphtheria and measles among the poor in some sections of the city, which has called for aid in some special cases.

Notwithstanding, we are pleased to be able to report that there has been a less number of applicants for relief, and a continued reduction of expenses.

There has been generally plenty of work for those who were willing to work, and as for those who would not work, we have said to them practically, in the language of one of old, "If any man will not work, neither shall he eat;" certainly not at the City's expense.

The general method adopted by the board in administering the duties of the department has been the same as the past three years, save that the work of the board has been more systematized than in any previous year, the overseers of the several wards of the City have aided those coming for aid in their several localities, who were well known to be-

long to the City, in need of aid, to the extent judged proper and needful, on consultation with the Almoner, and referring all new cases to him at once for investigation and report.

By this system a very thorough knowledge of the poor throughout the City is attained, and the relief needed, given in a discriminating manner.

There has been the usual number of widows with large families of children, who have needed some assistance during the whole year, who, with the aged and the sick poor, have no other resource but the City's bounty.

To all such we have given aid to the extent that in our judgment their true interest demanded; always remembering that a due regard to the laws of settlement and the interest of the taxpayers, as well as the demands of the poor, must be observed.

There is one class of the poor in our midst who often fail of receiving the help they need, from the fact that they, having no legal settlement in the city, are dependent on the State for the aid they receive, and this is dealt out to them with a most meagre hand by those who disburse it.

Many such cases come under our observation, which we should be glad to relieve did the statutes allow us so to do.

There is another large class in the City, that in our opinion is the most important part of the duty of the overseers, which has failed to receive that consideration in the past its importance demands; that is, the care and reclamation of the children of idle, dissolute or intemperate parents, and placing them in homes where they may be trained in habits of industry and the practice of those virtues that will make them a blessing to the community. As it is, they are growing up with but little care and less training, except in habits of vice. They become our paupers and criminals to fill our almshouses and jails.

The whole amount appropriated by the City Council for this department for the year 1880 was \$12,000, divided as follows: Poor out of almshouse, \$8500; for almshouse and repairs, \$3500.

The whole number of persons receiving relief out of the Almshouse during the year was 431, of which 280 had legal settlements in Newton; 21 in other cities and towns, and 130 had no settlement.

It will be noticed that the proportion of persons receiving aid, having a settlement here, is much larger in comparison to the whole than heretofore; the statute of 1879 giving a woman who has resided five years consecutively in one place in the State without receiving aid as a pauper, a settlement therein.

The whole amount expended for relief of poor out of Almshouse for the year is as follows:—

Cash payments,	\$221 70
Groceries,	1,361 11
Fuel,	705 93
Clothing and shoes,	13 50
Board,	52 00
Medical attendance,	307 60
Medicine,	68 36
Burials,	108 50
Feeding tramps,	102 74
Support of insane,	1,888 20
Paid other cities and towns for support of poor,	415 31
Salary of Almoner and Clerk,	700 00
Salary of Overseers,	350 00
Commonwealth of Massachusetts,	160 85
	<hr/>
Making a total expenditure,	\$6,455 80
	<hr/>
<i>Amount carried forward,</i>	\$6,455 80

<i>Amount brought forward,</i>	\$6,455 80
The receipts from the State, other cities and towns, and friends of dependents amounted to	1,057 41
Making the net cost for poor out of Almshouse,	<hr/> \$5,398 39

The Almshouse and Farm, under the management of Mr. N. D. Moody and wife, have been very profitably conducted, and the inmates, many of whom are aged and infirm, have been well cared for, under the kind and motherly charge of Mrs. Moody.

The labor upon the Farm has been done almost entirely by Mr. Moody and his son, who has been employed as an assistant, with the help of the inmates.

The whole number cared for at the Institution for the whole or a part of the year was	41
Present number of inmates,	24
Average number for the year,	24
Number died during the year,	4

Of the twenty-four now in the institution, more than one half are over sixty years of age, two being between ninety and one hundred, four between eighty and ninety, three between seventy and eighty, and four between sixty and seventy.

The general health of the inmates has been excellent, when we consider the advanced age of so many of them and the infirmities incident thereto; and the Board desire to express their appreciation of the faithful care and attention they have received from Mrs. Moody, and their conviction that she is the right person in the right place.

The amount of appropriation for Almshouse and repairs has been exceeded by the sum of \$70.83. This has been owing to the increased expense of painting the Almshouse

and out-buildings, together with repairs of the same, and also a renewal of some of the fences on the Farm. The Board feel that they have good reason to be satisfied with the whole management of the Institution by the Committee and Warden.

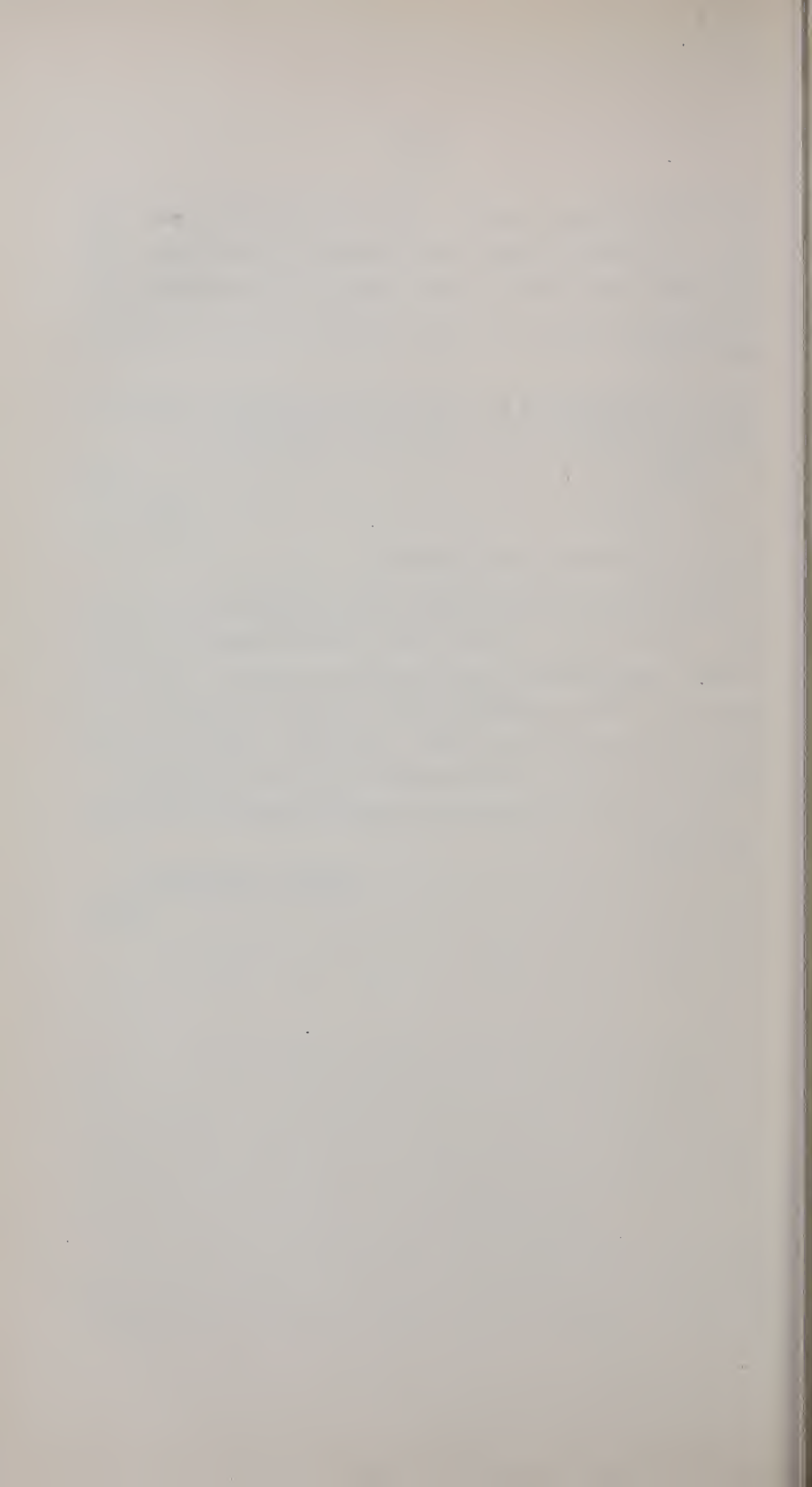
Amount appropriated for Almshouse and repairs,	\$3,500 00
Amount transferred from outside poor appropriations,	70 83
	<hr/>
Total,	\$3,570 83

All of which sum was expended.

The amount received for the sale of produce, wood, board, etc., was \$1,535.07, which being deducted from the whole amount expended, \$3,570.83, leaves the net cost for Almshouse and repairs as \$2,035.07, to which the cost of poor out of Almshouse being added, makes the total net cost to the City of the Poor Department for the year, \$7,433.46.

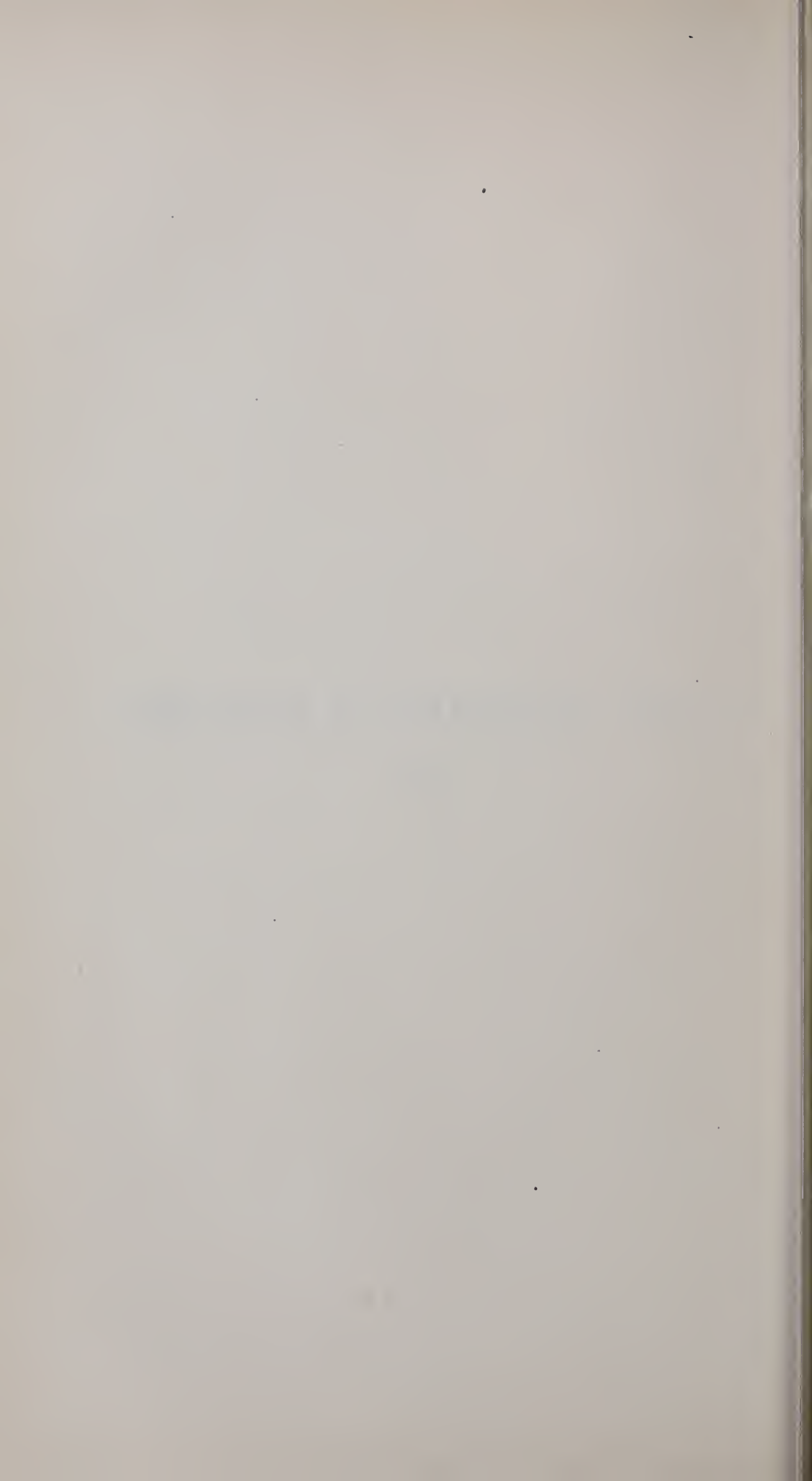
All of which is respectfully submitted for the Overseers of the Poor.

JOHN WARNER,
Clerk.



CITY MARSHAL'S REPORT.

1881.



REPORT OF CITY MARSHAL.

OFFICE OF THE CITY MARSHAL,

WEST NEWTON, Dec. 31, 1880.

To His Honor the Mayor and the City Council of Newton:

GENTLEMEN, — The seventh annual report of this department, covering the year ending December 31, 1880, is herewith respectfully presented. While its record exhibits no transactions of unusual interest or importance, the service rendered is believed to have been as faithfully performed as could reasonably be expected. With an increasing population, and its accompanying development of public and private interests, all requiring a larger and larger measure of municipal care and protection, the department has sought to maintain a corresponding degree of vigilance and efficiency. How far it may have succeeded is a matter more properly within the verdict of families and citizens of the several wards of the city.

The police force, as now established, embraces sixteen men, including, as heretofore, the City Marshal, whose headquarters are at the City Hall. In accordance with my recommendation to the City Council of 1880, the Sergeant of the force, a ranking officer, is now also stationed at the City Hall, instead of being mounted for patrol duty as before. The practical advantage of this arrangement has become so manifest during the year that a return to the former plan

would find few, if any, advocates, especially among those who realize the value of efficient police service and protection.

In connection with a recommendation submitted in my last report, and sanctioned by the city government, it may be proper to state that with two mounted men detailed for night service, one at Newton Centre and the other at Auburndale, the result has fully met what seemed to have become an important necessity. The service thus rendered has been effective in the better preservation of the public peace, and the manifest prevention of other more serious offences and crimes.

The compensation of the force and the contingent expenses of the department for the year ending December 31, 1880, have amounted to \$16,777.94, and the receipts into the city treasury during the same period, from the fees of officers, &c., have amounted to \$650, leaving the net expenditure \$16,127.94.

In the matter of police stations duty again compels suggestions of change and improvement; removal to a more suitable location of station 1, at Newton, seems especially necessary, because of serious disadvantages and inconveniences unavoidable in its present connection. I most earnestly recommend its removal from the engine-house premises, not only for the convenience of the police and fire departments, but especially for the better promotion of public interest and protection. In regard to the police station at the City Hall, I cannot in justice to my position and the outspoken utterances of intelligent citizens and physicians, do less than reiterate my suggestions of two or three recent years; viz., its notably inadequate, unsafe and unhealthy arrangement and condition. The other stations are in good condition and well suited for present use and demand.

The legislation of 1880, imposing severe restrictions and

penalties, designed for the suppression of vagrancy, has already produced salutary results. It may suffice to say, in this connection, that our City has thus been materially relieved from intrusion and annoyance from that source. The number of strolling vagrants or tramps has been largely reduced, while the number seeking lodging and other care at public expense, shows a reduction of over fifty per cent, with indications of continued decrease.

The following is a synopsis of the general work of the Department for the year ending December 31, 1880 :

GENERAL STATISTICS.

No. of Arrests,	346	No. of Search Warrants	
" Males,	299	served,	7
" Females,	47	No. of Truants taken to	
" Americans,	52	School,	61
" Foreigners,	294	No. provided with lodg-	
" Minors,	48	ing,	1100
" Commitments,	42	Lost and stolen property	
		restored to owners,	\$3729

NATIVITY OF PRISONERS.

United States,	52	Germany,	5
British Provinces,	5	Scotland,	1
Ireland,	262	Italy,	3
England,	10	Negro,	6
France,	1	Sweden,	1

NATURE OF CRIME.

Assault,	5	Common drunkard,	4
Assault and battery,	37	Cruelty to dumb ani-	
Assault, felonious,	1	mals,	10
Breaking and entering,	4	Contempt of court,	1
Breaking glass,	3	Disorderly,	12

Disturbing the peace,	83	Runaway,	1
Drunkenness,	70	Stubborn children,	2
Evading car fare,	4	Suspicious persons,	7
Embezzlement,	2	Suspicion of child mur-	
Fornification,	1	der,	1
Insane,	6	Threatening bodily harm,	1
Incendiary,	3	Tampering with witness,	2
Larceny, simple,	24	Tramps,	4
Larceny, felonious,	1	Truants,	2
Malicious mischief,	9	Violation of City Ordinance,	11
Obscene language,	3	Violation of Sunday law,	3
Perjury,	2	Violation of liquor law,	25
Receiving stolen property,	1	Vagrant,	1

MISCELLANEOUS.

Accidents where assistance was rendered,	21	Fire alarms given,	9
Buildings found open and secured,	304	Horses killed,	5
Dangerous buildings,	1	Injured persons assisted,	18
Dead bodies,	2	Intoxicated persons helped home,	137
Defective gas lamps,	276	Lost children restored, to friends,	15
“ naphtha lamps,	1519	Lanterns hung in dangerous places,	21
“ sidewalks,	48	Notices served,	8,000
“ streets,	22	Nuisances,	25
“ water pipes,	3	Stray teams put up,	19
“ gas pipes,	5	Street obstructions removed,	33
Dogs killed,	13	Water running to waste,	32
Disturbances suppressed,	110		
Fires extinguished without alarm,	8		

The miscellaneous services of the department have not

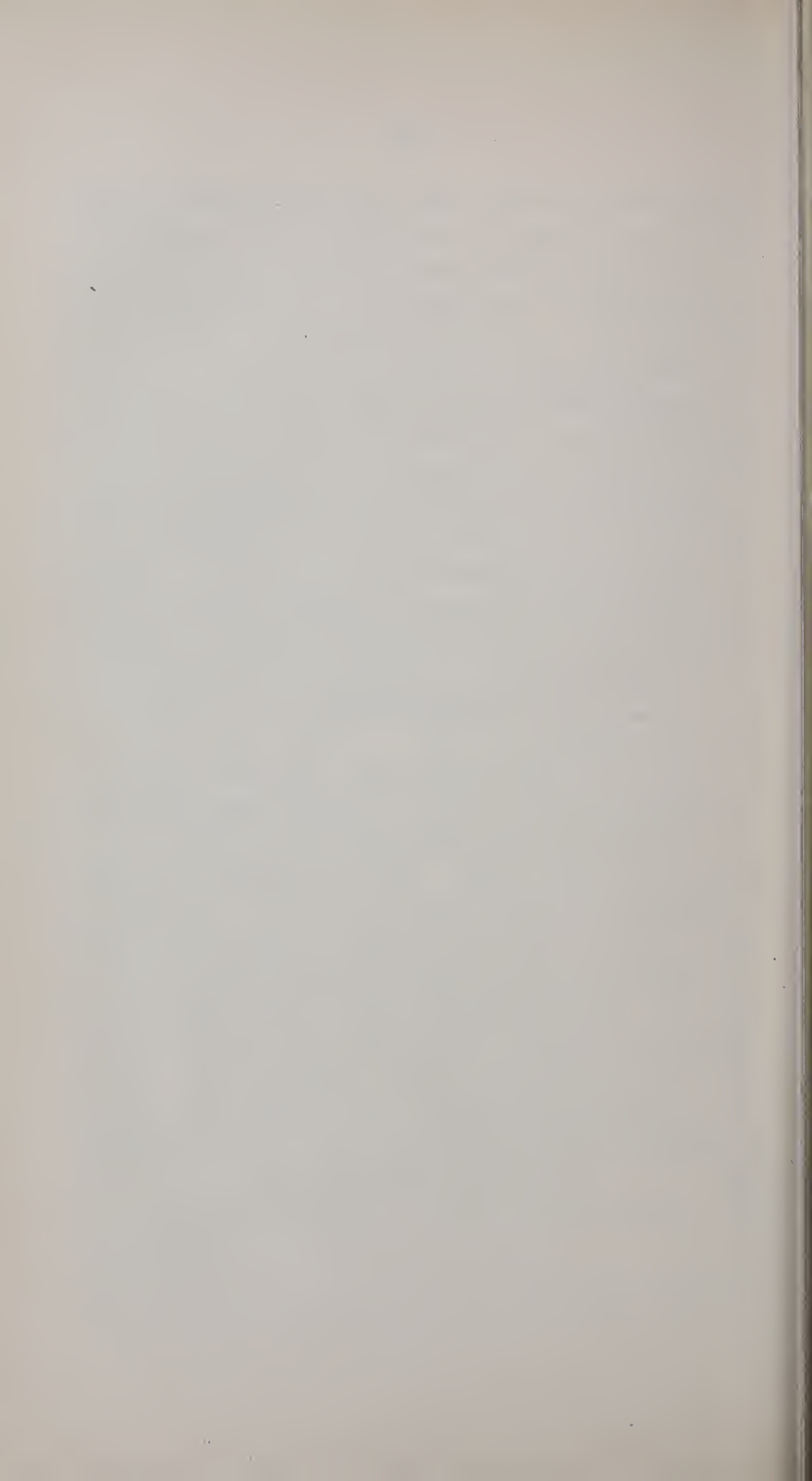
differed materially from those of previous years. In this behalf I trust I shall be pardoned for a word of reference to a class of service which for three or four years has been delegated to the police department; viz., the distribution of tax bills and various requirements appertaining to the treasury and other departments. These have now become so extended as to cause serious interference with regular duties of policemen, and yet they would seem to belong more properly to some other branch of city service, or some special employé. They appear to have been placed upon this department under the impression that policemen have little or nothing to do. If so, the increased demand for police surveillance can hardly warrant the continuance of such impression. But these suggestions are by no means ventured in any spirit of complaint, or any fractious thought or purpose; but simply and only from a desire for such distribution of service as will not impair police duty.

I desire, in conclusion, to tender my thanks to city officials and all others whose co-operation and kindly words have aided and strengthened the department in the maintenance of its administration. With no desire to invite undue credit, it is nevertheless a pleasure to believe that no city or town, of equal extent and population, in the Commonwealth has been more exempt from disturbances and crimes affecting the peace and safety of citizens and homes. With facilities now available, and the release of the City Marshal from duties formerly imposed as health officer, and which required much of his time and attention, it is hoped that still greater efficiency may be imparted to the police service of this city.

Very respectfully submitted,

REVILO L. HINDS,

City Marshal.





SYNOPSIS

OF THE

Report of the Water Registrar,

FOR THE YEAR

1881.

SERVICE PIPE.

Following is a statement of the number of service pipes laid during each of the last six years, or since the works were commenced; it will be observed, that more were laid during 1881 than in any year since 1877, at the close of which year the works were turned over to the City by the commissioners under whom they were constructed.

There were laid during 1876,	.	.	.	499	services.
“ “ 1877,	.	.	.	998	“
“ “ 1878,	.	.	.	188	“
“ “ 1879,	.	.	.	232	“
“ “ 1880,	.	.	.	228	“
“ “ 1881,	.	.	.	267	“

Total laid to Dec. 31, 1881,	2,412 services.
------------------------------	-----------------

Number of service pipes in use, Dec. 31, 1881,	2,196
--	-------

MAIN PIPE.

Before recommending the laying of any main a guaranty of an annual income equal to 5 % on the cost of the main is required from the petitioner therefor. The receipts in 1881 from extensions made during the last four years average about $7\frac{1}{2}$ % on cost of making them.

Length of main pipe of all sizes, laid during 1881,	12,827 ft.
“ “ “ “ previously,	318,508 “

Length of main pipe of all sizes laid to date,	328,924 ft.
	or about $62\frac{1}{8}$ miles.

HYDRANTS.

Number hydrants set during year,	. . . . .	20
“ “ previously,	. . . . .	324
Number hydrants set to date,	. . . . .	344

GATES.

Number of gates set during year,	. . . . .	9
“ “ previously,	. . . . .	300
Number of gates set to date,	. . . . .	309

METERS.

The City permits any consumer to take his water through a meter, with the understanding that the meter set must be approved by the City and that all expense for maintaining it must be borne by the consumer.

There have been set during the past year 77 meters; 74 of these were Worthington, 2 were Spooner and 1 was the Continental; the total number of meters set Dec. 31, 1881, was 541 and they are classified as follows :

CLASSIFICATION OF METERS.

	SIZE.						TOTAL.
	1½ inch.	5⁄8 inch.	¾ inch.	1 inch.	2 inch.	3 inch.	
Worthington, . . .		237	5	3		1	246
Union Piston, . . .		204	19	1			224
Union Rotary, . . .		45	3	4	1		53
Crown,	13						13
Desper,		1					1
Spooner,			2				2
New England, . . .		1					1
Continental, . . .		1					1
TOTAL,	13	489	29	8	1	1	541

WATER PUMPED AND CONSUMED.

There were pumped during 1881, 163,163,824 gallons of water and there were used 164,610,549 gallons; during 1880, 170,993,762 gallons were pumped and 165,456,192 were used. During 1881 the average daily consumption ranged from the minimum, 354,168 gallons, in March, to the maximum, 550,974 gallons, in September; the average daily consumption for the year was 450,987 gallons.

Following is the average daily consumption during the last four years:

Average daily consumption during 1878,	326,212 gallons.
“ “ 1879,	375,555 “
“ “ 1880,	452,066 “
“ “ 1881,	450,987 “

CONDITION OF THE WORKS.

With the exception of the foundations of the pumping engine the works are in a very satisfactory condition; contrary to expectation the concrete foundation placed under the engine in 1880 has not proved to be effective, and the engine has settled during the past year. The committee are now taking measures to have carried out a plan recommended by Mr. Worthen for alligning the engine in case of future settlements which, if successful, will obviate the necessity of taking the engine down and thus greatly reduce the expense hitherto attending such work. If the plan should not prove to be a success and the settlements continue as heretofore it will probably be found necessary to take action in the matter of placing the engine on a new foundation.

 RECEIPTS FOR THE YEAR 1881.

Received for water taken by rate in 1881,	\$19,688 54	
Received for water taken by rate previous to 1881,	100 46	
Received for water taken by meter in 1881,	8,743 22	
Received from City for hydrant service,	6,420 00	
Received from City for water used in 1880, for sprinkling streets,	500 00	
Received for water used for building purposes,	34 06	
	<hr/>	\$35,486 28
Received for shutting off and letting on water, on acct. of non-pay't,	\$6 00	
Received for shutting off and letting on water, per request,	77 00	
	<hr/>	
<i>Amounts carried forward,</i>	\$83 00	\$35,486 28

<i>Amounts brought forward,</i>	\$83 00	\$35,486 28
Received for sealing fixtures, . . .	6 00	
“ filling cisterns, . . .	3 14	
“ summonses, . . .	36 40	
	<hr/>	128 54
Received for service pipes, . . .	\$2,860 06	
“ meters and setting, . . .	1,854 56	
“ repairing meters, . . .	282 64	
“ “ services, . . .	80 68	
“ material sold, . . .	300 08	
	<hr/>	5,378 02
Total receipts,		<hr/> \$40,992 84

There remain uncollected the following amounts :

On account of water rates, . . .	\$128 62	
“ meter “ . . .	54 48	
“ service pipes, . . .	76 36	
“ meters sold, . . .	45 50	
“ “ repaired, . . .	8 50	
“ water used in street sprinkling during 1881, . . .	1,083 20	
On account of drinking troughs and fountains for 1881, . . .	665 00	
	<hr/>	\$2,061 66

EXPENDITURES FOR THE YEAR 1881.

MAINTENANCE ACCOUNT.

Amount of Appropriation,	\$12,250 00
Expense of Water Registrar's office, including salary of Registrar, Inspector, travelling and mis- cellaneous expenses, . . .	\$2,159 34
	<hr/>
<i>Amounts carried forward,</i>	\$2,159 34 \$12,250 00

<i>Amounts brought forward,</i>	\$2,159 34	\$12,250 00
Expense of Superintendent's office, including salary of Superintendent, travelling and miscellaneous expenses, and expenses at pipe yard,	2,055 00	
Expense at Pumping Station, including salaries of Engineer, Fireman and Watchman, fuel, repairs and supplies,	6,383 17	
Exp'se of maintenance of reservoir,	409 90	
“ “ main pipe,	936 26	
“ “ hydrants,	197 51	
“ “ service pipe,	141 36	
“ “ filter basin,	286 09	
“ “ stand-pipes,	36 86	
“ “ telephones,	77 00	
	<hr/>	12,682 49
Excess of expenditure over appropriation,		\$432 49

SERVICE AND METER ACCOUNT.

Amount of Appropriation,	\$4,750 00
Expended for new service pipes,	\$2,494 00
“ “ meters and for setting same,	1,691 16
Expended for maintenance of service pipes,	143 79
Expended for maintenance of meters,	372 25
“ “ inspection,	250 00
	<hr/>
	4,951 20
Excess of expenditure over appropriation,	<hr/>
	\$201 20



CONSTRUCTION ACCOUNT.

Expended on account of main pipe, . . .	\$12,153 64
“ “ hydrants, . . .	1,057 34
“ “ service pipe, . . .	3,934 12
“ “ stand-pipes, . . .	302 58
“ “ gates, . . .	531 68
“ “ tools and repairs, . . .	519 94
“ “ engines and boilers, . . .	81 03
“ “ pumping station im- provements, . . .	78 22
“ “ blow-offs, . . .	27 50

Total expenditure on this acct. during 1881, \$18,686 05

CR.

By amount received from sale of material (*vide*
account of receipts), 300 08

Net expenditure for construction during 1881, \$18,385 97

Net expenditure for construction Dec. 31, 1880, 852,427 76

Net expen're for construction, Dec. 31, 1881, \$870,813 73

INTEREST ACCOUNT.

Amount appropriated and expended for interest
on Water Bonds during 1881, \$48,900 00

Respectfully submitted,

ALBERT S. GLOVER,

Water Registrar.

WATER REGISTRAR'S OFFICE,
City Hall, April 1, 1882,

NEWTON WATER WORKS.

JOINT STANDING COMMITTEE ON WATER FOR THE YEAR 1882.

Chairman, Alderman EDWARD W. CATE,

Alderman J. WESLEY KIMBALL,

Councilman DAVID T. BUNKER,

Councilman ALSON A. SMITH,

Councilman FRED. W. FREEMAN,

Clerk, ALBERT S. GLOVER.

Water Registrar, ALBERT S. GLOVER,

Superintendent, HORATIO N. HYDE, Jr.

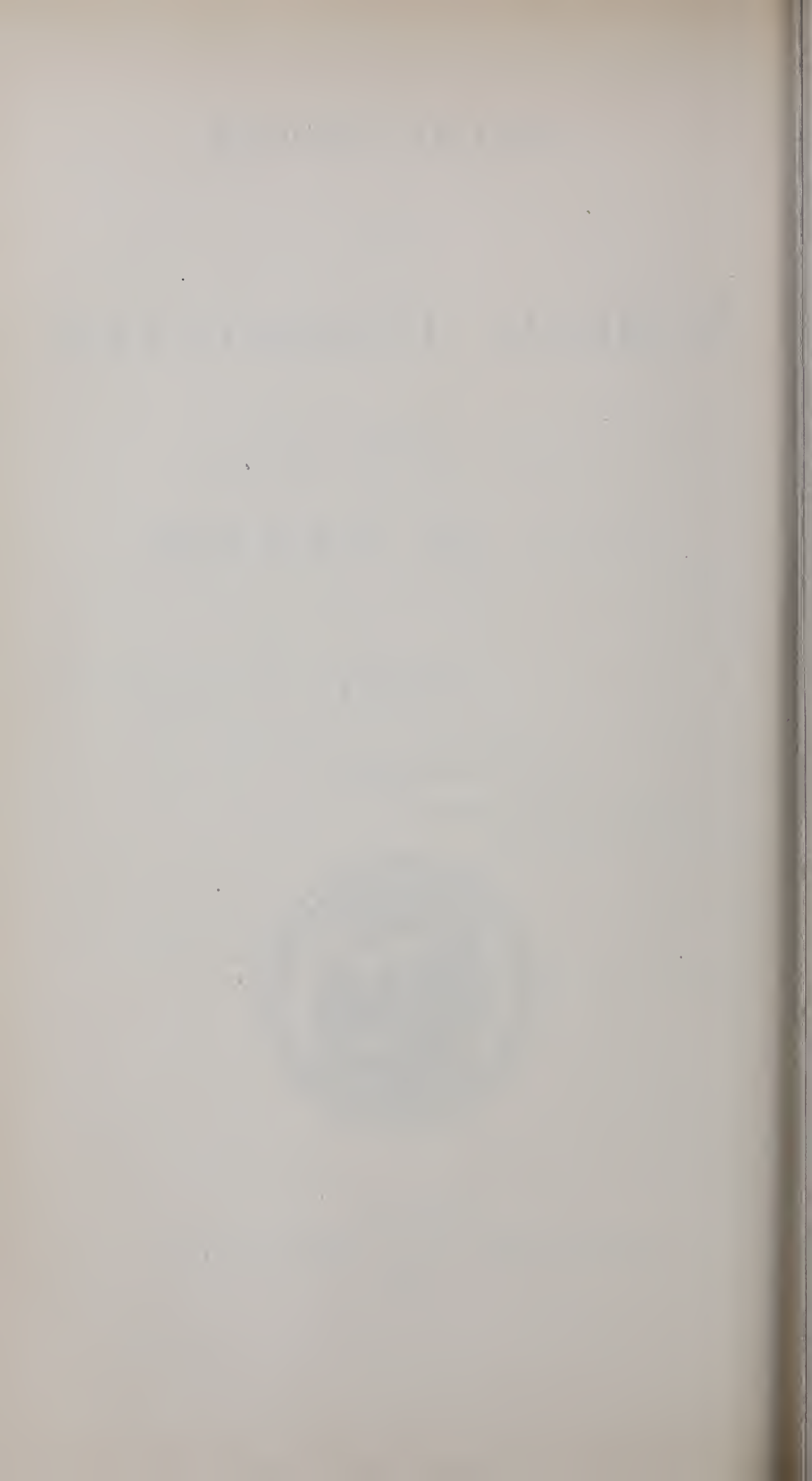
ANNUAL REPORT
OF THE
SCHOOL COMMITTEE
OF THE
CITY OF NEWTON.

1881.

No. XLII.



BOSTON:
FRANKLIN PRESS: RAND, AVERY, & COMPANY.
1882.



ORGANIZATION OF THE SCHOOL COMMITTEE.

JANUARY, 1881.

HON. ROYAL M. PULSIFER, MAYOR, CHAIRMAN, *ex officio*.

JOHN Q. HENRY, PRESIDENT COMMON COUNCIL, *ex officio*.

REV. AMOS E. LAWRENCE, CHAIRMAN.

ISAAC HAGAR, SECRETARY.

EPHRAIM HUNT, LL.D., SUPERINTENDENT.

Elective Members.

Present Term of Office.

EDMUND W. CONVERSE,	Ward One,	Expires January, 1883.
THOMAS MARCY,	" "	" " 1883.
E. FRANK HOWE,	" Two,	" " 1883.
A. AMELIA SMEAD,	" " .	" " 1883.
JULIUS L. CLARKE,	" Three,	" " 1882.
ELIJAH W. WOOD,	" "	" " 1882.
WILLIAM S. SMITH,	" Four,	" " 1882.
ISAAC HAGAR.	" "	" " 1882.
JOHN A. GOULD,	" Five,	" " 1884.
GEORGE D. ELDRIDGE,	" "	" " 1884.
EMILY W. HYDE,	" Six,	" " 1884.
AMOS E. LAWRENCE,	" "	" " 1884.
GEORGE W. SHINN,	" Seven,	" " 1884.
LINCOLN R. STONE,	" "	" " 1882.

DISTRICT COMMITTEES.

NEWTON-CENTRE DISTRICT.

AMOS E. LAWRENCE, Newton Centre. JOHN A. GOULD, Newton Upper Falls.
EMILY W. HYDE, Newton Highlands. GEORGE D. ELDRIDGE, Newton Highlands.
JOHN Q. HENRY, Newton.

UPPER-FALLS DISTRICT.

JOHN A. GOULD, Newton Upper Falls. AMOS E. LAWRENCE, Newton Centre.
EMILY W. HYDE, Newton Highlands. GEORGE D. ELDRIDGE, Newton Highlands.
ISAAC HAGAR, Newton Lower Falls.

LOWER-FALLS DISTRICT.

WILLIAM S. SMITH, Auburndale. ELIJAH W. WOOD, West Newton.
ISAAC HAGAR, Newton Lower Falls.

WEST-NEWTON DISTRICT.

JULIUS L. CLARKE, West Newton. ELIJAH W. WOOD, West Newton.
E. FRANK HOWE, Newtonville. WILLIAM S. SMITH, Auburndale.
A. AMELIA SMEAD, Newtonville.

NEWTONVILLE DISTRICT.

E. FRANK HOWE, Newtonville. LINCOLN R. STONE, Newton.
A. AMELIA SMEAD, Newtonville. EDMUND W. CONVERSE, Newton.
THOMAS MARCY, Newton.

NEWTON DISTRICT.

LINCOLN R. STONE, Newton. GEORGE W. SHINN, Newton.
THOMAS MARCY, Newton. EDMUND W. CONVERSE, Newton.
JOHN Q. HENRY, Newton.

STANDING COMMITTEES OF THE BOARD.

High School. — Amos E. Lawrence, Elijah W. Wood, E. Frank Howe, William S. Smith,
George W. Shinn, Edmund W. Converse, George D. Eldridge, Mayor, *ex officio*.
Rules and Regulations. — George W. Shinn, Amos E. Lawrence, George D. Eldridge.
Accounts and Printing. — Isaac Hagar, Elijah W. Wood, Julius L. Clarke.
Schoolhouses. — Isaac Hagar, John A. Gould, Lincoln R. Stone.
Salaries. — E. Frank Howe, George W. Shinn, John Q. Henry.
Text-books. — Amos E. Lawrence, William S. Smith, Julius L. Clarke.
Music. — Lincoln R. Stone, A. Amelia Smead, Emily W. Hyde.
Drawing and Writing. — A. Amelia Smead, Thomas Marcy, Emily W. Hyde.
Industrial Drawing. — Elijah W. Wood, Thomas Marcy, John Q. Henry.
Evening Schools. — Lincoln R. Stone, Thomas Marcy, George W. Shinn.

ORGANIZATION OF THE SCHOOL COMMITTEE.

JANUARY, 1882.

HON. WILLIAM P. ELLISON, MAYOR, CHAIRMAN, *ex officio*.

EDWIN W. GAY, PRESIDENT COMMON COUNCIL, *ex officio*.

REV. AMOS E. LAWRENCE, CHAIRMAN.

ISAAC HAGAR, SECRETARY.

JOHN E. KIMBALL, SUPERINTENDENT.

Elective Members.

Present Term of Office.

EDMUND W. CONVERSE,	Ward One,	Expires January, 1883.
CHARLES H. STONE,	" "	" " 1883.
E. FRANK HOWE,	" Two,	" " 1883.
A. AMELIA SMEAD,	" "	" " 1883.
JULIUS L. CLARKE,	" Three,	" " 1885.
ELIJAH W. WOOD,	" "	" " 1885.
WILLIAM S. SMITH,	" Four,	" " 1885.
ISAAC HAGAR,	" "	" " 1885.
JOHN A. GOULD,	" Five,	" " 1884.
EDWIN P. SEAYER,	" "	" " 1884.
EMILY W. HYDE,	" Six,	" " 1884.
AMOS E. LAWRENCE,	" "	" " 1884.
GEORGE W. SHINN,	" Seven,	" " 1884.
LINCOLN R. STONE,	" "	" " 1885.

DISTRICT COMMITTEES.

NEWTON-CENTRE DISTRICT.

AMOS E. LAWRENCE, Newton Centre. JOHN A. GOULD, Newton Upper Falls.
EMILY W. HYDE, Newton Highlands. EDWIN P. SEAVER, Newton Highlands.
EDWIN W. GAY, Newton.

UPPER-FALLS DISTRICT.

JOHN A. GOULD, Newton Upper Falls. AMOS E. LAWRENCE, Newton Centre.
EMILY W. HYDE, Newton Highlands. EDWIN P. SEAVER, Newton Highlands.
ISAAC HAGAR, Newton Lower Falls.

LOWER-FALLS DISTRICT.

WILLIAM S. SMITH, Auburndale. ELIJAH W. WOOD, West Newton.
ISAAC HAGAR, Newton Lower Falls.

WEST-NEWTON DISTRICT.

JULIUS L. CLARKE, West Newton. ELIJAH W. WOOD, West Newton.
E. FRANK HOWE, Newtonville. WILLIAM S. SMITH, Auburndale.
A. AMELIA SMEAD, Newtonville.

NEWTONVILLE DISTRICT.

E. FRANK HOWE, Newtonville. LINCOLN R. STONE, Newton.
A. AMELIA SMEAD, Newtonville. EDMUND W. CONVERSE, Newton.
CHARLES H. STONE, Newton.

NEWTON DISTRICT.

LINCOLN R. STONE, Newton. GEORGE W. SHINN, Newton.
CHARLES H. STONE, Newton. EDMUND W. CONVERSE, Newton.
EDWIN W. GAY, Newton.

STANDING COMMITTEES OF THE BOARD.

High School. — Amos E. Lawrence, Elijah W. Wood, E. Frank Howe, William S. Smith,
George W. Shinn, Edmund W. Converse, Edwin P. Seaver, Mayor, *ex officio*.
Rules and Regulations. — George W. Shinn, Amos E. Lawrence, Edwin P. Seaver.
Accounts and Printing. — Isaac Hagar, Elijah W. Wood, Julius L. Clarke.
Schoolhouses. — Isaac Hagar, John A. Gould, Lincoln R. Stone.
Salaries. — E. Frank Howe, Edwin W. Gay, Edmund W. Converse.
Text-books. — Amos E. Lawrence, William S. Smith, Julius L. Clarke.
Music. — Lincoln R. Stone, A. Amelia Smead, Emily W. Hyde.
Drawing and Writing. — A. Amelia Smead, Charles H. Stone, Emily W. Hyde.
Industrial Drawing. — Elijah W. Wood, Charles H. Stone, Edwin W. Gay.
Evening Schools. — Lincoln R. Stone, Charles H. Stone, George W. Shinn.

CITY OF NEWTON.

IN BOARD OF SCHOOL COMMITTEE, Oct. 26, 1881.

The following-named members were appointed to prepare the Annual Report of the School Committee for the year 1881; viz., Amos E. Lawrence, E. Frank Howe, Mrs. Emily W. Hyde, George W. Shinn, and Edmund W. Converse.

ISAAC HAGAR,
Secretary.

IN BOARD OF SCHOOL COMMITTEE, Dec. 28, 1881.

The Annual Report was presented by Rev. Amos E. Lawrence, and twenty-eight hundred copies ordered to be printed.

ISAAC HAGAR,
Secretary.



TABLE OF CONTENTS.

	PAGE
GENERAL REPORT OF SCHOOL COMMITTEE	11-25
First printed report of School Committee, 1839	11
Expenditures of the department	12
General condition of the schools	13
Accrediting teachers	13
Additional school accommodation	14
The superintendent	15
HIGH SCHOOL	16
Statistics	17
Graduating class	18
Annual exhibition	18
Change of head master	19
Changes in the curriculum	20
Calisthenics and military drill	22
Music and drawing	23
The teachers	25
The classical department	26
Department of belles-lettres	28
Mathematical department	33
Department of natural sciences	35
COURSES OF STUDY IN THE HIGH SCHOOL	37-39
GRADUATES OF 1881	40
GRAMMAR-SCHOOLS	41-64
Report of Mason School	40
Report of Oak-Hill School	45
Report of Thompsonville School	46
Report of Prospect School	47
Report of Hyde School	49
Report of Hamilton School	50
Report of Williams School	51
Report of Peirce, Davis, and Franklin Schools	54
Report of Adams, Claflin, and Jackson Schools	59, 60
Report of Newton District	62
REPORT ON DRAWING AND WRITING	65
REPORT ON MUSIC	68
REPORT ON EVENING SCHOOL	70
REPORT OF SUPERINTENDENT	76
SECRETARY'S REPORT	81

REPORT OF SCHOOL COMMITTEE.

TO THE CITIZENS OF NEWTON, — As required of us by the Statutes of the Commonwealth, the School Board of the city of Newton respectfully submit to their fellow-citizens their Forty-second Annual Report.

FIRST PRINTED REPORT OF THE COMMITTEE, 1839.

The first Report of the School Committee of the town of Newton was for the year 1839. It is now on file at the State Library in Boston, and is in manuscript, the usage of printing these reports not having arisen till some years later. A comparison of some of the statistics of that report with those of the year now reviewed will show some of the changes of two score of years in the public schools of the city. It appears that there were that year in the town seven hundred children between four and sixteen years of age. The attendance was in winter 567, and 405 in summer. In charge of these there were in winter eleven teachers,—nine male and two female; in summer, ten, all females. The average monthly wages paid the teachers was, to males \$35, and to females \$14; and the gross amount for the year \$2,207.

EXPENDITURES OF THE DEPARTMENT.

The accompanying Report of the Secretary will show, that, of the \$83,733.32 available for school purposes the past year, there has been expended the sum of \$83,700.27, leaving a balance of \$33.05.

The expenditures of the department, exclusive of school-buildings, during the last eight years, have been as follows:—

Expenditure for 1874	.	.	.	.	.	.	\$97,353 65
Expenditure for 1875	.	.	.	.	.	.	96,649 23
Expenditure for 1876	.	.	.	.	.	.	86,533 64
Expenditure for 1877	.	.	.	.	.	.	83,917 89
Expenditure for 1878	.	.	.	.	.	.	83,208 63
Expenditure for 1879	.	.	.	.	.	.	82,260 08
Expenditure for 1880	.	.	.	.	.	.	83,613 47
Expenditure for 1881	.	.	.	.	.	.	83,700 27

showing a reduction of \$13,653.38 as compared with 1874.¹ Meantime the number of our pupils has increased forty per cent, almost exactly,—from 2,446 in 1874, to 3,422 in 1881,—and the expense is fourteen per cent less. This diminished expense in the administration of the department is due chiefly to the lower salaries now paid the superintendent and teachers,—a reduction called for by the general grading down of salaries in consequence of the reduced expense of living. No damage to the schools has resulted from this reduction, through the employment of inferior instructors; for it is confidently affirmed that our present corps will not suffer by comparison with any period in our past history.

¹ The taxable property of the city has increased the last year nearly two millions and a quarter of dollars over the year preceding.

GENERAL CONDITION OF THE SCHOOLS.

The accompanying Reports of the Superintendent and of the several District Committees so fully set forth the present condition of the schools, that a repetition of their statement is not called for here. These reports will show that all the grades in all the schools are doing well, — some better than others, but all prospering. The varying degrees of success among the teachers, though not striking, are yet distinct enough to be marked, in some cases obtrusive. They are due, partly to the differing material composing the classes, and partly, as cannot be denied, to the varying skill of instructors.

ACCREDITING TEACHERS.

The Board feel assured that their fellow-citizens will fully sustain them in all legitimate efforts to supply the schools of the city with a high order of teachers. They have felt justified hitherto in offering such compensation as would induce the best of the profession to seek a position in Newton. We should be glad to feel that such a position is looked upon as desirable for its rewards, both in money and honor. If in this aim the Board has not always been successful, and occasional mistakes have been made in the employment of incompetent persons, it is hoped that such cases will be of less frequent occurrence in the future; and that some modification and improvement of our present mode of selection will soon be adopted. It seems clear that this has been a weak point in our system; and if the business of accrediting teachers for employment in the Newton schools can be intrusted hereafter to a competent committee of examination, — one that will com-

mand the confidence and respect of all, even the very best teachers, — and if all new candidates for position are rigidly required to be accredited by this committee, we shall not only be saved from a repetition of some of the mistakes of the past, but the office of the teacher will be thereby essentially raised in character and dignity. Such a commission should be made up of qualified experts, acquainted not only with text-books and with methods of teaching, but capable also of detecting in applicants the possession or absence of those other and equally important equipments of the true teacher, — moral character, tact, patience, firmness, gentleness, sympathy with children, and skill to meet the varying emergencies of every-day school life, — emergencies for which no *rules* can ever be given. It should be no objection to constituting such a commission that we might find it necessary to go outside the School Board to obtain the suitable men, or that it might be seen advisable to place on it one or more of our own best teachers.

ADDITIONAL SCHOOL ACCOMMODATIONS.

It became necessary three years ago, in consequence of the crowded condition of the Mason School, to set off a portion of the pupils, and to open a separate school for their accommodation in Thompsonville. A similar emergency is now calling for a similar remedy. The school now has on its roll nearly five hundred members, too many even for the large building the generosity of the city has supplied; and an additional school structure is now the pressing need of the district. The population of the district is yearly increasing, and probable events in the near future are likely to augment

even the present ratio of increase. The locality of such a structure seems to be indicated with sufficient clearness by the distribution of our population, and will probably be found at or near the crossing of Walnut and Pleasant Streets, accommodating thus the considerable village known as Cold Spring. It is hoped that the City Council will make the necessary appropriation, and the work be commenced at an early day.

THE SUPERINTENDENT.

In June last, at the close of the school-year, Dr. Ephraim Hunt, after four years of service in the employment of the Board, closed his connection with the schools of Newton, and entered upon other engagements in another State.

The office thus made vacant was filled, after prolonged and careful deliberation, by the election of Mr. JOHN EDWIN KIMBALL of Hartford, Conn. Mr. Kimball is a graduate of Yale College, of the class of 1858, and has been long engaged in the work of education, — recently as district superintendent of schools in the city of Hartford, and, previous to that, as associate with Dr. William T. Harris of St. Louis, Mo. He is believed to be, by natural aptitude, acquirements, and experience, well qualified for the post we have called him to fill. He has so recently entered upon his work in Newton, that it would be premature to speak here of results. His time thus far has been largely occupied in becoming acquainted with the schools as the necessary preliminary to more direct and aggressive work. He has found ready access to the confidence of the teachers by his sympathy with them, and, by his admitted ability to help them, commands their respect as a fit supervisor of schools, and adviser of their instructors.

THE HIGH SCHOOL.

THE High-school system of our State is one of the rich inheritances that have come to us from the colonial period of our history, as is shown by the celebrated ordinance of 1647, passed by the General Court of Massachusetts Colony. The wisdom and the political sagacity of the enactment have been confirmed by more than two centuries of experience; and the student of history still regards these schools as among the wisest and best of our institutions of self-government. The candid observer will not deny that superior education is *necessary* to the State. We must not look upon the High School as merely beneficiary. It is a *necessity* of our system of government. This was its justification at the outset, and on this principle it has been advocated and sustained during all the years past. It was a remark of the elder Adams, that “laws for the *liberal* education of youth, especially of the lower class, are so extremely wise and useful, that, to a humane and generous mind, no expense for this purpose would be thought extravagant.” Constrained by this principle, and confirmed by the working and the fruits of our own High School for more than twenty years past, the Board cannot but advise their fellow-citizens that this traditional policy should not now be abandoned among us; and they therefore ask for the High School the continued confidence and support of the community.

We have called attention before, in these Reports, to the influence of the High School on those of lower grade. This influence during the past year has continued to be powerful and most beneficial. The fact that its doors are open to every pupil in the city is a constant and healthful stimulus to effort, and a most efficient aid to the teachers in the elementary schools. This alone would justify the continuance of the school, and is a sufficient answer to the objection that only a small per cent of our children actually enter and go through it.

STATISTICS.

The whole number of pupils in attendance on the school the last year is 313, a loss of 6 as compared with last year, and 31 more than in the year 1879. Of the whole number, 170 were girls, and 143 boys. These were distributed, by virtue of the optional system of study, as follows:—

CLASS.	College.	General.	Mercantile.	Special.	
I.	20	10	0	14	44
II.	11	28	9	12	60
III.	21	50	15	11	97
IV.	27	53	11	21	112
	79	141	35	58	313

It will be noticed that the number of special students is larger this year than usual; the number last year having been 44, and 45 in 1880. This fact would seem to reveal a growing disposition, on the part of parents and pupils, to cut short the High-school course, and to limit attention to a few special topics. The average

daily attendance was 251.6 (equal to 93.5 per cent of the whole) against 93.4 per cent last year. The average age of the pupils was, of Class I., $17\frac{11}{12}$ years; II., $17\frac{2}{12}$ years; III., 16 years; and IV., $15\frac{3}{12}$ years. The average age of the entering class for the last four years has differed by only three months; the one here reported (entering September, 1880) being the youngest of the four.

GRADUATING CLASS.

Of the class who graduated in June last, twenty-six took the full course of four years, and the remaining ten a three-years' course. Of the twenty-six, Harvard, Yale, Amherst, and Wellesley have each received three; the "Harvard Annex," Williams, Smith, Bradford Academy, Elmhurst Academy, one each; and one is engaged in teaching. Of the three-years' graduates, four have entered the Massachusetts Institute of Technology. Besides these, one post-graduate has entered Harvard, and another, Amherst. The school, as represented by these pupils in their entrance examinations, has well maintained its past reputation; one of them, Mr. Sandford L. Cutler, having been awarded the first prize at Amherst for entrance examination in the Greek, and another, Mr. Arthur G. Webster, having been accredited seven "honors" in his maximum examination at Harvard.

ANNUAL EXHIBITION.

The closing exercises of the graduating class were held, on the 28th of June, in the large hall of the school. They were of a public character, and called together a very large audience from all parts of the city. The essays presented embraced a wide range of topics,

which had been more or less the subject of thought and study by the class in their regular course; and while they were not all of equal merit, but of varying degrees of excellence, they all showed an earnestness of purpose, a maturity of thought, and a facility and correctness of expression, highly satisfactory, and creditable alike to teachers and taught. The elocution showed careful training, and a desire on the part of the pupils to profit by the opportunities of the school in this department. And, though some obvious faults appeared, they were such as resulted from *over* care rather than the want of it, and did not obscure the general excellence of the whole.

In one respect the exhibition suffered by comparison with similar occasions in the past. The absence of vocal music by the pupils was regretted, and by many present was regarded as an evidence that music in our schools is suffering from mistaken ideas of economy in their administration.

CHANGE OF HEAD MASTER.

The report of last year chronicled the withdrawal of Mr. Waterhouse as head master of the school. During the temporary interregnum that succeeded, while the Board were seeking a successor, the duties of the position were ably discharged by the master, Mr. Ezra W. Sampson. In February, the Board made choice of Mr. E. H. CUTLER of Providence, R.I., to fill the vacancy, and extended him an invitation to remove to Newton, and take charge of the school. The invitation was accepted, and Mr. Cutler entered at once upon the duties of his new position, commencing his labors on the 2d of March. The continued success of the school

in Mr. Cutler's hands is justifying the wisdom of this choice by the Board. The head master has won the confidence of the Committee and the patrons of the school, and the regard and esteem of the pupils. We feel confident that the choice of the Board has been a judicious one, and that the school is destined to no decline from its past high character and reputation.

Mr. E. W. Sampson and Mr. John F. Kent still retain their connection as instructors, the former having been advanced to the position of master, and Mr. Kent, to that of sub-master, of the school.

By vote of the Board the teachers are hereafter to be ranked as head master, master, assistant master, and assistants.

CHANGES IN THE CURRICULUM.

The aim of the High-school course is twofold, — the mental *discipline* of the pupil, and the storing of his mind, so far as may be possible in a limited period, with such *facts* of science and literature as may best fit him for the work immediately before him after leaving the school. In aiming to secure these ends, it is admitted that no one method or course of study is the right one, to the exclusion of all others; and the High-school Committee have therefore ever held themselves ready to adopt any such modification of their curriculum as might promise better results than those obtained by their present one. It is admitted, also, that one system may be better adapted to one teacher, while another instructor may be equally, or even more, successful by the adoption of a modified method. Each should be allowed to work in his own way, since that way is the resultant, not of theory only, but of his own experience also.

Just previous to the election of the new head master, the Board had seen the desirableness of revising the "course of study" prescribed for use in the school, and the whole matter had been intrusted to a committee, with instructions to report such changes as might seem to them demanded.

The result has been the adoption of a few, but these important, modifications of the plan formerly used. The aim of the changes has been, not the narrowing of the course by cutting off branches heretofore taught, but primarily to concentrate the attention of the pupil more effectually upon one thing at a time, and by more *continuous* recitations on one theme to prevent the distraction which it is argued will result from too frequent changes, and too great intervals between one lesson and another on the same theme.

Another aim has been to discourage the general study of Latin; i.e., to limit it, as a rule, to such pupils as are preparing for its further and fuller study in college. Such members of the school as are not intending a classical course are encouraged to give the preference to one of the modern languages, — the French or German, — or even to confine their studies to the English language and literature, and to general science.

Thus far this modified plan works well. As the present is a transitional year, part of the old plan being from necessity still retained in the three upper classes, the new system has not yet been fully tested. But the head master reports to the Committee that the teachers are in accord with him, and accept the change as a step in advance; while his own confidence in it is fully sustained by its working thus far.

CALISTHENICS AND MILITARY DRILL.

The Board have seen no reason, during the past year, to abate their interest in our system of physical culture for the school, certainly no sufficient argument for its discontinuance. The drill continues to be popular also with the classes; a recent canvass of the school by the boys themselves having shown fully ninety per cent in its favor. Parents, also, who have marked the effects on their children of the drill-room exercises, both for boys and girls, are largely in favor of them, and would deprecate any change that would do away with them. In the gymnastics for girls the development of muscle and strength, of ease and grace of motion, have been reduced to a science; and, under so accomplished an expert as Miss Ireson, the effects secured are as beautiful as they are useful. The drill of the lads has gone on as usual under the supervision and instruction of Lieut. Carter; and though, from various causes, it languished somewhat towards the close of the year, the causes were temporary only, and their unfavorable influence is already passing away. The Committee would earnestly repeat the recommendation made in their report a year ago, that an inexpensive shed be provided on the school premises, to which, on stormy days and during the winter months, the drill exercises can be transferred from the narrow hall of the school-building. The expense would be trifling, and, if the drill is to be continued, it is quite essential to its success. And if, at any time, it shall be decided by our successors to abandon this feature of our system, the proposed structure will be scarcely less serviceable and useful, on stormy and wintry days, as a shelter and play-room at recess.





In the month of November, Lieut. Carter resigned his position as special instructor, to accept an offer from the Military Academy at West Point; and, at the time of rendering this report, his successor has not been appointed.¹

MUSIC AND DRAWING.

The music, during the past year, has been in charge of Miss M. A. Smith, not a specialist, but one of the regular corps of teachers in the school. Miss Smith is a well-taught and competent musician; but, while there has been on her part earnest and faithful labor, it has been labor under grave discouragements, and has been only partially successful. If better results are desirable, and are to be expected, our experience points to the employment of a specialist in the department as the way to secure them.

Mrs. Emma F. Bowler still retains her connection with the school as special teacher in drawing and clay-modelling. To this has been added, for the next year, the teaching of penmanship, and the general supervision of drawing in the grammar-schools of the city. The time given to these branches is so limited, — Mrs. Bowler meeting her class for an hour only twice a week, — that the same results cannot be looked for as are reasonably expected in classes that make them a specialty in a school of art. And yet, as was evident to all on the day of our last annual exhibition, the results here are eminently satisfactory; and the work shown by Mrs. Bowler's pupils, both in clay-modelling and in mechanical and freehand drawing, was awarded the praise of "excellent" by those well qualified to judge.

¹ At the meeting of the Board in December, the place was filled by the election of Capt. Frank N. Brown. Mr Brown was formerly captain of the Claffin Guard of this city, and is at present on the staff of Gen. Moore of Boston.

The present policy of the city in this matter of art-instruction has sometimes been disparaged as a clumsy and expensive way of giving a *smattering* only of the things it aims to teach. Those who say this could find no support for their position in the work of the pupils on the occasion referred to. And even if limiting the complaint to the grammar-schools they were right, and if the results were far more meagre than they are, it would still not be proved that even the little gained is not worth all it has cost. A *superficial* knowlege here is surely better than none at all. The old dictum, that "a little learning is a dangerous thing," is one of those half-truths that so often pass current as the whole. A child learns that fire will burn: it is a little learning, but it is *not* dangerous. And when, afterwards, he may learn in the laboratory the relative agency of carbon, oxygen, and hydrogen, in oxidizing wood, his larger learning will never supersede or render untrue the "smattering" knowledge of fire gained in his first lesson. The child gains the ability in the grammar-school to make a drawing that will serve as a most valuable aid to memory of an object he sees for the first time, or as a means of conveying a clearer idea of that object to others, or as a valuable aid in the business of his life. He gains besides a training of eye and hand that cannot but be of material service to him in whatever walk of life his future lot shall be cast. The "smattering" gained in our schools is raising the standard of taste in the community, and gradually forming a constituency to which true and high art can safely make its appeal. No further proof of this is needed than the large and yearly increasing demand by the people for the beautiful designs and harmonious colors of Christmas, New-Year's, and birthday souvenirs.

THE TEACHERS.

At the close of the school-year in June last the Board were reluctantly obliged to part with Miss M. Isabel Hanson, who has so long held an honored place in our corps of instructors. This they did the more regretfully because her qualifications as a teacher, approved by years of trial in the service of the Board, had been made even more valuable by recent residence and study in Paris. But the esteem for her character and qualifications which would have led us to retain her demanded with even greater emphasis that we release her to more congenial duties and to fresher fields of effort and conquest. The instruction in her department has been devolved on others, and the number of the teachers kept good by the election of Miss M. P. Davis. The other teachers remain the same as last reported. Besides these, Miss Eliza B. Barry has been employed as assistant teacher in rhetoric and English composition. This is an addition from which much is hoped, as it is designed to result in giving more attention to this important branch of the pupil's training.

In conclusion, the Board express their high appreciation of the conscientious and faithful work of the classroom, and the cheerful acquiescence of the teachers in the exacting demands of their position. With the wise co-operation of parents and pupils the school cannot fail of success.

For the committee,

AMOS E. LAWRENCE, *Chairman.*

With the aim of securing the more effective supervision of the school, the different departments were

again this year given into the hands of the several members of the Committee ; and from their reports we make the extracts below.

THE CLASSICAL DEPARTMENT.

During the past year, as stated above, the Board has revised the "course of study" as prescribed for the High School. The aim in this revision was twofold, — to concentrate study on fewer themes, and to discourage the *general* study of the classical tongues. This attitude towards the ancient languages has resulted from no lack of confidence in them as a means of mental discipline, nor from any wish to disparage them as part of a *full* course of study : on the contrary, we still regard them in such a course an *essential* element. But one of the lessons taught by our twenty-two years' experience in this school is that time may be wasted, or at least misapplied, in the study of Latin and Greek ; that the pupil who intends to finish his course here, and of whom it is predetermined that he is not to enter college, or the school of professional training, can employ his time more profitably than over the Latin grammar.

The Board have therefore been led so to modify the prescribed curriculum as to discourage the indiscriminate entrance of pupils upon these studies. When such beginnings must result, at best, in a smattering only of a language and literature that are to be dropped forever when school-days here are ended, it has seemed to the Committee wiser to direct the attention and study of such pupils to the natural sciences rather, and to our own language and literature, to secure thus the effective reading, and the correct and forcible speaking and writing, of our English tongue.

But for those who are to enter college a different course must be prescribed. So long at least as all these higher institutions require, as a preliminary to entrance, that the candidate shall be well grounded in the elements of these ancient languages, and shall have accomplished a prescribed course of reading in them, they must be taught, and taught effectively, in our school. The demands of the college were never so high as they are now; and the fulness and minuteness of knowledge required as a prerequisite to matriculation is truly formidable, is quite in advance even of what was expected of the college graduate in the days of our fathers.

It is evident that this must impose a correspondingly heavy burden upon teachers and taught alike; and for a pupil to accomplish it in four years implies vigorous health, and close and continuous application.

The Committee are happy to report, that, during the past year, the pupils in this department have been eager and interested students, and that they have been met and guided by sympathizing and competent teachers. There has not been wanting, on their part, the patience and tact needed to stimulate and guide pupils untrained, as yet, to self-reliance and independent study; and on the part of the scholars there has been, as a rule, an application to study as encouraging to the teacher as it has been fruitful of good results to the learner.

In the distribution of labor this year the elementary work with the entering class has been done by Mr. Kent in Greek, and by Miss Spear in Latin; the latter having been assisted for a short time by Mr. Davis and Miss Ranlett. Miss Spear has also taught two divisions of the third class in Latin, and the Latin and Latin

composition of the second class ; thus devoting a large part of her time to this branch, — one for which her acquirements and long experience so admirably qualify her. The other teaching in the department has been done by assistant master Kent, and by the head master, Mr. Waterhouse, and, after his resignation, by Mr. Cutler. A portion of Mr. Cutler's time has been given to the Latin of the entering class, and a larger portion to the first or graduating class. The reading at sight of Latin and Greek authors has been made one of the regular exercises of the upper classes, under Mr. Cutler's instruction, and there has been attained a readiness and proficiency of rendering into English that has been quite satisfactory.

A. E. LAWRENCE, *Examiner.*

DEPARTMENT OF BELLES-LETTRES.

The teacher in this department finds herself dealing with elements that are not altogether harmonious. She finds in each of her several classes a portion who are looking forward to entrance upon a college course, and a larger portion who are to finish their school-life here. The needs of the two are not identical; the one part demanding thorough and rather technical training in the rudiments of the study as a basis for the superstructure to be reared elsewhere ; and the other properly asking for a less scholastic style of teaching, and a freer range over the broad field of English literature. How to meet the wants of each is a problem not easily solved. The task would be comparatively easy if either class could be taken by itself. But from the nature of the case this cannot be done ; and in dealing with the

incongruous elements of her problem the teacher's ingenuity finds full scope for its exercise. Something of dry detail and of technical rules is unavoidable. It is unavoidable, too, that rhetoric and logic should be taught in their elements only, and this more by illustrations from the author's page, as he is read in course, than in a rounded system and by formulated rules. In her department during the last year, as formerly, Miss Foote's primary duty has been to teach English literature. In doing this, however, she has also taught rhetoric and logic. But she has taught these as one would teach botany. The living plant has been placed in the learners' hands. The changes in our language, — of growth or decay, — the beauties of style, the secret of power in writing, rhetoric, and logic, have been studied in the field of literature, where the plants are found growing in the freedom and grace of real life, rather than in that herbarium of dried specimens, the text-book on rhetoric. In this work the teacher in this department is an enthusiast, and has not failed to impart to her classes something of her own generous glow. Books of reference and a valuable collection of our best English and American authors have been made accessible to the pupils by additions during the past year to the school library. The classes have proved, by their resort to these books, that they have been taught to read intelligently, and are learning to appreciate that which is best.

It has also been the teacher's steady aim, in the conversations and discussions of the class-room, to cultivate in her pupils a pure *conversational* English. She is ever on the watch for grammatical solecisms, inelegant expressions, and slang phrases; aiming thus to weed out from the speech of the school those vulgarisms that are so

constantly heard, and that so often deform the language even of not a few who claim to rank among the cultivated and refined, — a wide field, and a hard one to till; but the gains are apparent, and marked enough to be encouraging.

There has been, of late, such a revival of interest in the studies of this department, and so much has their importance justly been enhanced in the public estimation, that it seems to the Committee quite in place briefly to state here the plan of study adopted. In this way, better than by any other means short of visiting the school, will parents, and other interested, be enabled to judge of the aims of the department and of the work done in it.

The writers studied are, in the main, well graduated, but, from the first, somewhat in advance of the average maturity and literary appreciation of the pupil. One important object of the study is to implant and develop an intelligent and appreciative interest in reading of a somewhat high literary character in distinction from novels and other similar works, which are generally the only reading of the young.

To secure study on the part of the pupil there are assigned, for example: ¹ —

1. Some suitable passage to be committed to memory.
2. Ten or a dozen lines to be paraphrased in writing.
3. Preparation of the whole lesson in such a way as to enable the pupil to state in his own language the *meaning* of any passage.
4. The explanation of words placed in parenthesis by the teacher.

¹ What follows is given as an illustration only. The method is varied by the demands of the lesson or the occasion.

5. Three words to be found by the pupil illustrating the meaning of some prefix, suffix, or root-word ; e.g.,—

pro : propose.
 produce.
 progress.
-some : darksome.
 blithesome.
 wholesome.
duc or *duce*, to lead : educe.
 induce.
 deduce.

6. The derivation of a *few* words, selected as the most interesting.

In conducting the recitation, the attention is first directed to the comprehension of the meaning.

In the study of words, by degrees the pupils are led to see that the spelling of English words was once phonetic, and that our present apparently irregular spelling has arisen from changes in pronunciation not attended by corresponding changes in the spelling. Phonetic decay is further illustrated by pointing out that most English words ending in a vowel end in *e*, once making a separate syllable, as also in such words as lovéd, now pronounced lov'd.

The teacher points out that every syllable was once a separate word. (In-de-struct-ibil-ity.)

Attention is called to the difference between the language of literature and the language of conversation, and it is shown how the former was developed out of the latter.

Illustrations in the text of the correct use of words commonly misused are carefully noted.

It will thus be seen that the ends proposed are distinctly these three ; viz., —

- I. To learn what good literature is.
- II. To learn how to read it intelligently.
- III. To learn how to appreciate and enjoy it.

In seeking to gain the first point, the teacher sets before the scholars specimens of the works of the great authors in our language. Among those studied have been Irving's "Sketch-Book" (selections), Longfellow's "Hiawatha," Tennyson's "Elaine," Cowper's "Task" (selections), Pope's "Rape of the Lock," Addison's "Essays" (selections), Milton's "Samson Agonistes," Shakspeare's "Julius Cæsar," "Macbeth," Spenser's "Fairy Queen" (selections), Chaucer's "Clerk's Tale," short selections from Mandeville and from Bacon's "Essays," from Wordsworth, Coleridge, and Burns.

In connection with this course of reading, which occupied the first half of the year, the teacher gave the classes a historical review of our literature, without text-book. The time has been profitably spent, and the results are good.

The second point is gained by a careful *study* of the author, in distinction from *reading* his pages. The details of method in doing this need not be repeated here, as they are sufficiently indicated above. It is required of the pupil to explain unfamiliar words and expressions, to give the derivation and meaning of certain words previously indicated ; to explain allusions (biographical, geographical, historical, mythological, etc.), to explain, literalize, and name figures of speech, advancing from the simpler to the more intricate. Other subjects also come up in connection with the authors read, as the kinds of sentences, metres and ver-

sification, kinds of poetry, — as the epic, the dramatic, the lyric, the ballad, — and the laws of each. And in the study of Shakspeare by the graduating class the attempt is even made to discover the higher qualities of style. The plots and their construction, the characters, the moral and philosophical teachings of the plays, are discussed; and the papers presented by the class on these topics are oftentimes of no mean merit for expression, thoughtfulness, and keen analysis. .

After such work as this, the third end aimed at takes care of itself. It follows logically that scholars who have *thus* read and studied will now appreciate and love good literature. We may confidently predict that they will henceforth seek their enjoyment in something higher and better than the sensational story, or in the crudities and barbarisms of the swarm of writers who ask to be read, but who are too indifferent or too lazy to care how they express a thought, or whether they have a thought at all.

In the fourth class Abbott's "How to write clearly" is still used as the best elementary book known to the Committee, though by no means satisfactory as a text-book on this subject. More writing of English has been exacted of this class than heretofore, and more help from the instructor in the examination and criticism of composition has been made practicable by the employment of Miss Eliza B. Barry as assistant teacher in rhetoric.

A. E. L.

MATHEMATICAL DEPARTMENT.

By the recently revised course of study, greater prominence is given to mathematics in the fourth class, inas-

much as algebra is no longer an optional study, and a review of arithmetic is also required. The arrangement by which the simpler elements of algebra are to be inculcated in the grammar-schools, and a brief review of arithmetic is to introduce the mathematics of the High-school course, is obviously an improved adjustment of studies in respect to their relative difficulties.

The proportion of five recitations a week, instead of three, as heretofore, completes the requirements of the course in algebra the first year.

In the second year mathematical studies retain their place as optional in the general course, while in the classical, geometry is allowed two recitations a week.

During the third year there is a suspension of study in this department altogether.

In the fourth year the classical course resumes the study of geometry to the extent of two recitations a week; while in the other course, geometry, trigonometry, and surveying can "be taken in addition, as optional studies, by such pupils as are qualified, so far as the progress of recitations shall permit."

It is too much to expect that this arrangement will be satisfactory to everybody. Some will complain that their children are obliged to waste so much time on mathematical abstractions; others, that there is too little of this important discipline. However that may be, it is something, it is much, to be said that the present plan of study has the unanimous concurrence of our teachers and our School Board as the one best adapted to the best educational results in our High School.

The sudden and unexpected change in the headship of the High School last year added largely to the labors and responsibilities of the teachers in the mathematical

department; yet the year's work was carried through with a steadiness, strength, and success that render the assurance doubly gratifying that none of the recent changes and re-adjustments have in the least disturbed their relationship to the institution, to the acknowledged excellence of which they make such important contribution.

The School Board, as well as the citizens of Newton, are cautious and conservative in respect to all changes, and especially so in the important matter of text-books. Yet, while holding that these changes should not be too often made, they are as sure that the inferior old must often give place to the improved new, as that we live in a progressive and reforming age. Better books in every department of literature are continually making their appearance, and the school which never changes its authorities cannot keep step with the times. Therefore there must be occasional change of text-books. There have been such changes in the mathematical department the past year, and, like all such changes, they were intelligently, thoughtfully, and unanimously made.

W. S. SMITH, *Chairman.*

NATURAL SCIENCES.

Of the branches of natural science which are taught in the High School, chemistry, physics, and botany are in charge of Mr. Sampson, and physiology is taught by Miss Smith. Mr. Sampson has done good work, as usual; and the pupils have manifested a very good degree of interest in their work, and have made satisfactory progress.

The work of Miss Smith and her classes deserves

special mention and commendation. The several recitations at which your Committee was unexpectedly present presented some of the very best specimens of class-room work which it was ever his pleasure to witness. For enthusiasm on the part of the teacher, familiarity with the subject under consideration, tact in arousing interest on the part of the pupils, and in imparting instruction, the exercises witnessed, which were of the ordinary class-work, were models.

E. FRANK HOWE.

COURSES OF STUDY.

As several changes have been made in the Scheme of Studies for the school, it is thought best to place it in the hands of our citizens by publishing it in connection with the Annual Report.

There are three courses of study in the High School:—

I. The General Course, including the usual scientific and literary studies of a High-school course, and furnishing preparation for admission to scientific and technological schools.

II. The Mercantile Course, intended for pupils desiring special preparation for business.

III. The Classical Course, furnishing preparation for admission to any American college.

Diplomas are given at graduation to those only who have taken all the required studies in one of these courses, or satisfactory equivalents.

I. GENERAL COURSE.

FIRST YEAR.—FOURTH CLASS.

FIRST TERM.—¹I. Physiology, 4.² II. Arithmetic and Algebra, 5. III. French (Grammar and Exercises), 4; or Latin (Latin Reader), 5.

¹ Each pupil is expected to have three studies, or their equivalent.

² The figures indicate the number of exercises each week.

SECOND TERM. — I. Elements of correct English, 4. II. Algebra, 5. III. French (Exercises and Translation), 4 ; or Latin (Latin Reader), 5.

SECOND YEAR. — THIRD CLASS.

FIRST TERM. — I. English Language ; Study of English Authors, 3 ; Geometry (optional), 2. II. Physics, 5. III. French (Translation and Exercises), 4 ; or Latin (Cæsar), 4.

SECOND TERM. — I. English Language ; Study of English Authors, 3 ; Geometry (optional), 2. II. Botany, 4. III. French (Translation and Exercises), 4 ; or Latin (Cæsar), 4.

THIRD YEAR. — SECOND CLASS.

FIRST TERM. — I. English Language ; Study of English Authors, 4. II. Chemistry, 5. III. French (Translation and Exercises), 2, and German (Grammar and Exercises) 3 ; or Latin (Vergil), 4.

SECOND TERM. — I. English Language ; Study of English Authors, 4. II. General History, 4. III. French (Translation and Exercises), 2, and German (Translation and Grammar), 3 ; or Latin (Vergil), 4.

FOURTH YEAR. — FIRST CLASS.

FIRST TERM. — I. History of English Literature, 4. II. Astronomy, 4. III. French (Translation and Exercises), 1, and German (Translation and Exercises), 4 ; or Latin (Vergil, Cicero, Ovid), 4.

SECOND TERM. — I. History of English Literature, 4. II. Moral Philosophy ; Constitution of the United States, 4. III. French (Translation and Exercises), 1, and German (Translation and Exercises), 4 ; or Latin (Vergil, Cicero, Ovid), 4.

Throughout the course, *Drawing* (optional), 2 ; *Compositions*, weekly exercises in *Music*, and in *Reading* or *Declamation*.

Physical Geography, Mineralogy, Geology, Zoölogy, Trigonometry, and Surveying may be taken in addition as optional studies by such pupils as are qualified, so far as the programme of recitations shall permit.

Latin Composition, 1, may be taken as an optional study by those who elect Latin.

II. MERCANTILE COURSE.

This course may be taken in one, two, three, or four years. The studies are the same as in the General Course, except that the last year shall include *Commercial Arithmetic*, *Book-keeping*, *Penmanship*, and *Political Economy*, in place of a portion of the regular studies of that year.

III. CLASSICAL COURSE.

FIRST YEAR.—FOURTH CLASS.

FIRST TERM.—I. Latin (Latin Reader), 5. II. Arithmetic and Algebra, 5. III. Ancient History, 4.

SECOND TERM.—I. Latin (Latin Reader), 5. II. Algebra, 5. III. Elements of Correct English, 4.

SECOND YEAR.—THIRD CLASS.

FIRST TERM.—I. Latin (Cæsar, Latin Composition), 5. II. Greek (Grammar and Exercises), 5. III. English Language, 3 ; Geometry, 2.

SECOND TERM.—Same as first term.

THIRD YEAR.—SECOND CLASS.

FIRST TERM.—I. Latin (Vergil, Latin Composition), 5. II. Greek (Xenophon, Greek Composition), 5. III. Physics, 5.

SECOND TERM.—I. Latin (Vergil, Latin Composition), 5. II. Greek (Xenophon, Greek Composition), 5. III. Reviews for Preliminary Examinations, 5.

FOURTH YEAR.—FIRST CLASS.

FIRST TERM.—I. Latin (Vergil, Cicero, Ovid, Latin Composition), 5. II. Greek (Homer, Herodotus, Greek Composition), 5. III. French (Grammar and Exercises), 3 ; Geometry, 2.

SECOND TERM.—I. Latin (Vergil, Cicero, Ovid, Latin Composition), 5. II. Greek (Homer, Herodotus, Greek Composition), 5. III. French (Grammar and Translation), 3 ; Geometry, 2.

Other exercises and optional studies as in the General Course.

GRADUATES OF HIGH SCHOOL, 1881.

FOUR-YEARS' COURSE.

WILLIAM F. BACON.
JULIA BISSELL.
WINTHROP S. BRACKETT.
MARY W. CALKINS.
EDWARD H. CHANDLER.
LEONARD B. CLARK.
MARION B. CURTIS.
SANFORD L. CUTLER.
ADA L. DONKIN.
ELLA M. DONKIN.
JAMES W. DORNEY.
JUSTIN EDWARDS.
ROSE A. HARKINS.

DAVID S. HERRICK.
HELEN A. HOVEY.
HENRY D. KENDALL.
MARY C. MOSMAN.
NELLIE E. PUTNAM.
EMMA A. ROBINSON.
HARRY L. ROLLINS.
ELLEN S. TEWKSBURY.
CARRIE TURNER.
EMMA E. UPHAM.
ARTHUR G. WEBSTER.
WALLACE W. WILLARD
EDWIN B. WOODIN.

THREE-YEARS' COURSE.

JOSEPH C. AYER, JUN.
DAVID BAKER.
SAMUEL K. BILLINGS.
MILO F. HARGEDON.
MARY A. HILLS.

KATE F. MELLISH.
FREDERICK W. MILLER.
DEAN W. PARK.
FREDERIC W. TURNER.
GEORGE C. WARREN.

GRAMMAR-SCHOOLS.

NEWTON-CENTRE DISTRICT.

MASON SCHOOL.

THERE has been no change during the year under review in the teachers of this school. They are, —

Mr. A. L. HARWOOD	.	.	.	<i>Master.</i>
Mr. GEORGE A. MOORE	.	.	.	<i>Head Assistant.</i>
Miss SARAH H. MUNGER	.	.	.	<i>Assistant.</i>
Miss MARIA F. WOOD	.	.	.	<i>Assistant.</i>
Miss MARY TENNEY	.	.	.	<i>Assistant.</i>
Miss LIZZIE S. FRIEND	.	.	.	<i>Assistant.</i>
Miss ELLENA H. THOMPSON	.	.	.	<i>Assistant.</i>
Miss HARRIETTE E. BIRD	.	.	.	<i>Assistant.</i>
Miss ELLEN M. COOK	.	.	.	<i>Assistant.</i>

The Mason School still stands first among the schools of Newton in the number of its enrolled pupils and in the number of its daily attendants. Its registers this year show four hundred and forty-four names. This is a decrease from the number reported last year, when the registers showed four hundred and seventy-one names. The decrease is due to the transfer of pupils to the Hyde School. These four hundred and forty-four have been distributed among the several classes as follows: —

	PUPILS.
The first or lowest class had	87
second class	51
third class	41
fourth class	60
fifth class	45
sixth class	55
seventh class	44
eighth class	39
ninth class	22

A comparison of the first class with the ninth will suggest that only about one-quarter of the entering pupils reach the graduating class, and that a large part of them leave on completing the studies of the sixth or seventh year. This is a fact that emphasizes the necessity of giving to these early classes the very best teaching ability, and the best opportunities for laying well the foundations in those essentials, reading, writing, and numbers. This consideration has been constantly before the minds of the Committee; and to supply these classes with competent instructors has been their steady aim.

The school-building is again overfilled, and new accommodations are demanded to meet the wants of the district; and as its population is steadily increasing, and is destined to an accelerated increase in the near future, additional room must be provided for them. The location of such a building would, of course, be decided by a careful consideration of the needs of neighborhoods, and the distribution of the population; but it is hoped that the necessary steps for its erection will be taken at an early day. It would be requisite at first to provide only for a primary school, leaving it for the future to make such enlargement as should be demanded by the growth of the population.

This school, in common with nearly every other in the city, has suffered exceptionally this year from sickness, — from the unusual prevalence of those zymotic diseases to which children are specially liable. This has, of course, brought down the per cent of attendance in the school; the highest rate being in the ninth or oldest class (93.7 per cent), and the lowest in the youngest class (78.5 per cent).

Mr. George A. Moore commenced in September his second year as head assistant in the school, and has well sustained the high reputation he brought with him to his work here. He has proved himself a laborious and enthusiastic teacher, and has found time, without diverting attention from the regular and prescribed course of study, for occasional informal lectures or talks on natural history. These have not called for the use of text-books, nor, on the other hand, have they been so desultory and aimless as to be *mere* pastimes. They *have been* recreations, but recreations that have left a useful residuum, — an awakened interest in nature, in birds, minerals, and plants, and the beginnings of knowledge about them. The same has been true, also, in other class-rooms; and all the teachers have done more or less of this pleasant work.

The Committee emphasize anew the importance of good reading, and the necessity of teaching the scholars to read *at sight* any new matter of ordinary English — and to read it intelligently — with appropriate and natural emphasis, and with such inflections and pauses as are prompted by a clear understanding of what is read. If there is a weak point in our school, it will be found here.

Instruction in vocal music during the year has been

given in all the classes by the regular teachers in charge. But they all confess that the results are not wholly satisfactory. The experience of this school accords with the general experience throughout the city, and points to the employment of a specialist in this department as the only means of success.

Mr. Harwood's time during the year has been very closely occupied with the ninth class. This has made it impossible for him to visit the other rooms of the building to any extent; and he has been unable, for this reason, to secure that unity in the school, that harmony of methods and aims, that are deemed essential to obtaining the best results. With a view to meeting this defect, the master has been authorized to adopt a temporary expedient, and to dismiss his class once a fortnight at one o'clock P.M., instead of twelve M., that he may give the two hours of the afternoon to this work of school supervision in his own building. It is believed that the class will not suffer in consequence, as study will be required of them at home on lessons assigned. This cannot but prove a useful exercise in preparing them for the requirement of independent home study at the High School; while the Mason School will profit from the master's large experience and more direct supervision.

The last graduating class of the school numbered twenty-two members, of whom twenty-one received certificates of admission to the High School, and one obtained a situation in business.

AMOS E. LAWRENCE.

OAK HILL.

The advantages of the graded system of school training, by which the entire attention of a teacher is secured to each class of pupils, have for many years been denied to this school. This has resulted from no parsimony on the part of the School Board, since there has never been any unwillingness to make the most liberal provision for the school that could consist with the general policy of the city. But the number in attendance for years past has been too small to warrant the employment of more than a single teacher for all grades of advance in study. If the graded system is really an advantage over the old mixed schools of thirty years ago, then the Oak-Hill School is unfortunate, in that its small number of pupils renders its application here impracticable. In this respect something would be gained if the two schools, Oak Hill and Thompsonville, could be united in one, as, in that case, the teachers, by a division of labor, could expend their strength to far better advantage. This, however, does not seem to be practicable; and the district can only wait till the increase of population shall call for additional teachers.

This year the school has opened with thirty-five names on its register, showing a gain of six over the year last reported. In the last five years the number in attendance has been respectively twenty-three in 1877, then twenty-four, twenty-seven, twenty-nine, and thirty-five. Mrs. Mattie S. Owler still continues in charge, and is working courageously and efficiently, and to the general satisfaction of parents and the guardians of the school.

A. E. L.

THOMPSONVILLE SCHOOL.

This school, like so many others in the city, has suffered during the past year from sickness among the pupils to an unusual degree.

During the winter, also, the proximity of a house used as a hospital for small-pox caused many of the parents to fear contagion, and hence their children were kept at home.

Faithful work has, however, been done by the earnest teacher, Miss Helen E. Davis, who enjoys the confidence and hearty co-operation of the parents, and who, while not neglecting the mental training of her pupils, has sought their physical and moral advancement.

A number were promoted as usual to the fourth class of the Mason School at the close of the year.

EMILY W. HYDE.

UPPER-FALLS DISTRICT.

PROSPECT SCHOOL.

WALTER C. FROST	.	.	.	.	.	<i>Master.</i>
MARTHA L. PERKINS	.	.	.	.	.	<i>Head Assistant.</i>
ELLA F. CROOKER	.	.	.	.	.	<i>Assistant.</i>
HELEN NORWOOD	.	.	.	.	.	<i>Assistant.</i>
KATE P. RICHARDSON	.	.	.	.	.	<i>Assistant.</i>
LIZZIE W. EVERETT	.	.	.	.	.	<i>Assistant.</i>
MARY P. FANNING	.	.	.	.	.	<i>Assistant.</i>

THE teachers, with one exception, have remained with their respective classes through the year. Soon after the winter vacation ended, the health of Miss Norwood became impaired, and, as it was probable that she would not be able to resume the charge of the school for some months, she resigned the position, it being her third year of faithful and very satisfactory service with this school.

The vacancy was filled by the appointment of Miss Kate P. Richardson, who has also proved to be the right person for the place. The excellent work which has been done by Mrs. Fanning with the primary class has received many favorable comments from parents and visitors, and this work is here emphasized, from its having been so well appreciated, and that it only fairly represents the quality of teaching which each of the classes has received by its respective teacher.

While what are considered as the important studies

have not been neglected, but have been taught with more than usual force, new subjects and talks have been introduced, from which the pupils have obtained much valuable knowledge of minerals, birds, insects, and vegetable life. This knowledge has been acquired without any evidence that the pupils have been overworked, and in this way much has been done to make each room interesting and attractive to them.

One fact is worthy of notice, which is full of encouragement,—that so many of the graduating class expressed a desire to remain with their teacher another year, thus showing that they had learned enough to feel the want of knowing more.

When the last report of the school was made, sickness was quite prevalent, and fears were expressed that it would affect the school injuriously the coming year. This proved true to a noticeable extent; but fortunately a few cases only terminated fatally. In addition to the prevailing sickness, it proved to be the year for the return of most of the zymotic diseases to which the young are once subject. This affected the regular attendance, and that implies unsatisfactory work for both teachers and pupils. But, in the face of all obstacles, no year has closed when all the work has been so satisfactory as during the past,—a year when *every* pupil has had so fully the best instruction that ability and tact on the part of superintendent and teachers could devise. I am thoroughly conscious of the great value of the services rendered to this school by Dr. Ephraim Hunt in the discharge of his duties as superintendent, and am also pleased to have occasion again to thank the parents for their cordial support of the teachers in their duties through the year.

JOHN A. GOULD.

HYDE SCHOOL.

There have been so many matters pertaining to this school, that have come to the attention of your Committee, that, at this time, a report to the effect that a satisfactory future for the school is anticipated would seem to be expressive.

During the past year the master, Mr. George S. Turner, has entered most heartily into many needed reforms, which in time must be productive of good results. As an executive head of the school, and having a deep interest in his work, with ability to impart his knowledge, the scholars are to be congratulated that they have such a teacher.

The bad effects of having too many scholars in a room have been seriously felt in this school, though the teachers may have been assiduous in the discharge of their prescribed duties.

The overcrowding has been remedied, in a measure, by the employment of Miss Collins as assistant; but there are now about fifty-five pupils of the first class in her room, and the other teachers have as many as they should.

Before long, if the school continues to grow, it will be necessary to provide more rooms for teaching, and make such other changes for the better, as from time to time suggest themselves.

LOUIS W. YOUNG, *Committee.*

AUBURNDALE AND LOWER-FALLS DISTRICT.

THE HAMILTON SCHOOL.

CONGRATULATION upon the good condition of this school is always qualified by the regret that its ample accommodations and thorough appointments are so disadvantageously located. While the fitness of things demands that this entire village, lying on both sides of the river, should have one good, strong, central school, town-boundaries necessitate, instead, two neighboring institutions, both of which are too limited in numbers to grade, instruct, or support to advantage.

The Hamilton School building, so beautiful for situation, so spacious and excellent in its provisions, is amply sufficient for that compact community; so that both the school and the people suffer from the inconvenient limitation. Nor can this surplus of resources be turned to the relief of the overcrowded Williams District, because it is clearly out of reach. From this glance at the situation, it will be plain why one of our best schools, with an *apparently* large constituency, has yet such small classes, and sends so few graduates to the High School.

Still, however, these educational advantages must be kept at their best; and special efforts should be made by teachers and parents to counteract the pressure that bears so heavily upon this, as upon all our busy communities, to cut short the precious years of school-life.

The need of additional instruction which has been experienced at the Hamilton for some time has been supplied by the appointment of Miss Addie Tuttle as assistant teacher, who had rendered very satisfactory apprentice-services last year in the same school. It is hoped and earnestly desired that Miss Swain, the head assistant, who has been suffering from protracted illness, will soon be able to resume her efficient services in her classes, although good fortune in supplying the temporary vacancy has prevented any very serious detriment on account of the interruption.

W. S. SMITH, *Chairman.*

WILLIAMS SCHOOL.

The number of pupils at the opening of the Williams School the current year was such as to suggest anew that the time is not far distant when the present school-building will be utterly inadequate to furnish either convenient or healthful accommodations for the increasing population of this district. It is not too early, therefore, for the citizens of Auburndale to consider what building or buildings will best meet the demands of the situation in the years soon to come. It has been necessary to add already to the teaching force of this school, and also to make a partial re-arrangement of the classes in order to relieve, to some extent, the existing pressure.

Notwithstanding the numerous changes in teachers the past year, the Williams School is still fortunate in retaining the valuable services of Miss Pinnock, the head assistant, who, while strenuously insisting upon thorough work and strict order, at the same time secures in an unusual measure the respect and affec-

tions of her pupils. Miss Smith also continues her very successful work in the primary department. Miss Brown, after an approved service of several years, has resigned her position as teacher for a special course at Wellesley College. Miss Richards, who was welcomed to the charge of the second class one year ago, has resigned, under appointment by the American Board to an important position in Spain. Miss Louisa N. Burbank and Miss Helen I. Merrill, both experienced teachers, have been employed to supply the vacancies thus caused. Miss Laura Saltonstall, a Newton graduate, who has done satisfactory apprentice-work in the city schools, has been made additional assistant, and put in charge of an additional room in the Williams School. The six rooms now occupied exhaust the capacity of the building, and most of these rooms are now well-nigh overcrowded.

The removal of pupils from the public schools, without a frank and friendly reference of the causes of complaint to the local committee, is a step greatly to be deplored, as it is believed that the cases would be few indeed which could not be satisfactorily harmonized.

The presentation of a case of stuffed American birds to the Williams School, by his Honor Mayor Pulsifer, was not only a generous and serviceable gift, but it is also suggestive of the relationship of the individual citizen to the resources and efficiency of the common school. While it may be believed that about all that it is best to do in a public way is now being done, in Newton at least, yet it is easy to see that here is an object which may well challenge the substantial recognition of the public-spirited citizen. Endowment for the *few* has filled the land with colleges and institutions of learning ;

but why not care for the many also by a wise and generous provision for the people's school? The full development and perfection of this great universal educator remains for the individual benefactor, and he will be an important agency in the common school of the future.

W. S. SMITH, *Chairman.*

WEST-NEWTON DISTRICT.

PEIRCE, DAVIS, AND FRANKLIN SCHOOLS.

OUR school-work for the year, covered by this Report, has been, in the main, fully up to the average standard of proficiency and requirement, and in many respects exceptionally excellent and satisfactory. For the accomplishment of this result, all our teachers are entitled to much credit, especially in view of disadvantages which could not have been averted or controlled. The prevalence of epidemic diseases, attended with more than usual virulence and fatality, interposed serious interruptions, in some instances for considerable periods, and in a few cases reducing, by twenty to forty per cent, the general ratio of class attendance.

Pending these unfortunate conditions, the impaired health of two or three of our old and prominent teachers required prolonged leave of absence and the supply of substitutes in their places. Such relief from the pressure of long and faithful service was sought and granted not an hour too soon; for, during the last days of the school-year, one of these teachers, Miss Susan P. Richmond, was called to her final rest. For nearly ten years she had served town and city with great acceptance as a teacher in the Franklin School. In her decease the district has lost a most devoted and successful educator. Her place is now filled by Miss M. Isabel

Jenkins, who served for some months as her substitute. In this connection, we record the death, in the early months of the year, of another beloved and valued teacher, Miss Lucy E. Davis, late of the Davis School, who had received leave of absence during the previous year on account of ill health, which compelled her subsequent resignation.

Aside from matters of purely local concern, a review of the year's work in each of our school-buildings — the Peirce, Davis, and Franklin — suggests some points of general interest which may be profitably considered. Passing over those of comparatively minor importance, which the District Committee have endeavored to regulate for their own locality, we make reference here to those only which seem worthy of special attention.

In view of the fact that so many go, even from the lower as well as from the High-school classes, into business connections, before completing their educational course, and with no intention of return, we must admit the justice and necessity of aiding them as far as possible to attain success in their chosen vocations. While text-books and teaching should be adapted to age and capacity, we desire to say that prescribed courses of study may be sometimes supplemented with great advantage, even by oral instruction in higher branches holding kindred association and scope. To the class of pupils specially referred to, some knowledge of higher mathematical work and of single and double entry book-keeping, thus incidentally obtained in advance, tends to develop and establish a commercial force which it is our duty to encourage. It contributes to such education as they may acquire, either in the grammar or high school courses, — an element which directly and mate-

rially helps to make them more useful and successful in the business to which they go. Not only so, but those who enter the High School with any measure of preliminary preparation in this behalf are better prepared to meet its requirements, whether wholly or partially completing its course.

As an illustration, we have to state, that, in our district, the elements of algebra were taught orally in the ninth class, and sufficiently to enable the pupils to solve problems involving simple equations containing one or two unknown quantities, many such examples occurring in their text-books in arithmetic. The time used in the algebraic drill was more than compensated by the readiness with which many operations and examples not otherwise easily comprehended, were intelligently mastered.

Oral instruction of this character, systematically imparted, and introducing new lines of thought to the young student, which can be put to immediate and practical use while at his daily task, can scarcely fail to awaken new interest in the work of the schoolroom. More than this, it will enable him to see that sometimes, at least, an added branch of study may not increase his labors, but enhance his ability to accomplish work already assigned. In assuming this position, it is a pleasure to be able to say that the instruction to which allusion has been made did not encroach in the least upon other branches, but, as already intimated, it essentially aided them; and its continuance is recommended. If similar practice were in some degree judiciously interpolated in connection with the regular eighth-class course, it would materially aid many who never pursue their studies further, but leave even that class to enter upon business occupations.

Another suggestion is prompted by the fact that our last year's work in history was changed from a recitation to an exercise in reading. A change in this direction was perhaps desirable ; but we venture to affirm, that, unless a connected chain of the most important events be thoroughly studied, the benefit accruing from such change will be far less than it might and ought to be.

There are other matters of general interest which ought, perhaps, to receive mature and intelligent consideration. One of these, possessing more than local issue, is found in our present method of recording the attendance of pupils. It is referred to with some feeling of delicacy, yet with confidence in the belief that there is need of revision in the present system. Pupils absent for two or three weeks in consequence of temporary sickness, or other cause, are recorded as discharged, and, upon their return, as admitted again. By this process, the percentage of attendance in classes temporarily reduced in number by diphtheria, scarlet-fever, and other diseases incident to childhood, is or may be represented as much higher than in others where ordinary absence of only a day or two occurs. We are strongly inclined to the opinion, and even to urge upon the proper authority, that only those pupils who have apparently and permanently severed their connection with the school should be recorded as discharged. Although, in such case, average percentages might frequently suffer by comparison, yet this particular item of school data, almost meaningless under existing usage, would then furnish information of some practical value.

By permission of this Board, there was established

at the Franklin School, in February last, a class, or department, for instruction in sewing. Under the professed direction of a good lady resident in the district, Mrs. Sarah K. Otis, whose services have been kindly and gratuitously given, the experiment has proved quite a success. Its work has been conducted without interference with regular studies; and, it is believed, with material benefit to those who have availed themselves of the opportunity. The attendance, increasing from six or eight at first to more than thirty at the present time, may be accepted as good evidence of the interest awakened in this branch of industrial education, both among parents and pupils.

JULIUS L. CLARKE,

Chairman District Committee.

NEWTONVILLE DISTRICT.

THE two members of the District Committee who reside within the ward have endeavored during the year to make and keep themselves very familiar with the condition and progress of the schools under their charge. Their increased familiarity with the work which is done in these schools, and with the manner of doing it, has convinced them that the schools are in excellent condition, and are doing very efficient work. The teachers are faithful in the discharge of their duties, and are eager to do the best work possible. Some of them exhibit very rare tact, skill, and enthusiasm in their profession. They have done their work in entire harmony with each other, and, almost without exception, in strict and cheerful conformity with the regulations of the Board. The criticisms which have been made upon our schools generally, by anonymous communications in the public press, as being deficient in teaching the common branches, such as reading, writing, and spelling, led your Committee to test the schools in this respect. The result clearly proves, that, so far as the schools of this district are concerned, the criticisms are untrue and unjust. We are confident that these fundamental branches were never taught more carefully or efficiently than at the present time.

THE ADAMS SCHOOL

Has continued under the charge of Mr. William A. Spinney. Mr. Spinney is an enthusiast in his profession, not sparing either time, strength, or even pecuniary expense, in order to increase the efficiency of the school. He has associated with him Mrs. Edwards, Miss Haynes, and Miss Brierly, who are all deserving the highest commendation. Some of these teachers, notably Miss Brierly, are doing such efficient work in the grades where they are, that your Committee would be reluctant to remove them to other grades which would be considered a promotion.

THE CLAFLIN SCHOOL

Has been in the charge of Mrs. Alice Pitts, who, during the year, has even surpassed herself in the enthusiasm and skill which she has brought to her work. Your Committee believe that Mrs. Pitts never did better work in the schoolroom than during the past year. She has rare gifts as a teacher. She has been peculiarly successful in developing an interest in the study of nature on the part of her pupils, teaching them to keep their eyes open, and to note what falls under their eyes. In this way the schoolroom has been made very pleasant and attractive, and the regular studies of the course have been pursued all the more successfully. Mrs. Pitts has as her associates Miss Wilder, Miss Ware, and Mrs. Jones, who have all done their work well. They are all conscientious, earnest, and successful teachers.

THE JACKSON SCHOOL

Has been under the general charge of Mr. George G. Edwards, who has shown himself admirably fitted for

the difficult position which he occupies. He has now the confidence of that entire community, and he richly deserves it. His influence, and that of the other teachers also, is powerfully felt outside the schoolroom, — on the streets and in the homes. There has been a very marked improvement in all the rooms of this building during the year. The teachers, at times, have been somewhat disheartened by the irregularity of the pupils, occasioned by the prevalence of various diseases. At one time during the winter it was feared that it would be necessary to discontinue the school on account of diphtheria. All the teachers in this building deserve hearty commendation. They are, besides Mr. Edwards, Miss Millard, Miss Hotchkiss, Mrs. Clelland, and Mrs. Clark. The primary class was so large during the latter part of the year, that it became necessary to employ an assistant. Miss Lovely did very efficient work in that position.

All of which is respectfully submitted.

E. FRANK HOWE, *Chairman.*

NEWTON DISTRICT.

IN presenting this Report, which is called for by the Regulations, the Committee cannot flatter themselves that their constituents are eager to read it, or that they look to it for any thing beyond the statistics which it furnishes. They judge largely the condition of the public schools from the progress that their children have made during the year. Any dissatisfaction with the schools, either in the matter of teaching, discipline, or hygiene, is easily discovered, and criticism is not wanting; and the fact that there has been none, though not proof of satisfactory progress, still shows that the community have been tolerant, and evidently, though silently, approve the result of the year's work of their children.

But your Committee feel that no lukewarm praise is due to the teachers of this district, and, though the year has been uneventful, still the work done has, on the whole, been good. The teachers have been devoted, earnest, and faithful, striving to do the best they can for those under their charge, trying to improve their own methods of teaching, in many cases, by study under the advice of competent persons. Then, too, the increased freedom in methods of teaching has rendered, in most cases, their work more satisfactory to themselves, more beneficial to the pupils.



All the schools have been quite full, and in the Underwood School it has been found necessary to employ a fourth teacher for the present, as it was for the greater part of last year.

The only change in the corps of teachers has been made by the resignation of Miss Gage, in the fourth class of the Bigelow School. Miss Colley, who brings certificates of good work in the Saugus High School, has been appointed in her place. For the Underwood School, your Committee have recommended Mrs. Clark, who did good work last year in the same place.

The number who leave school before completing the whole grammar-school course is large, as shown by the small number who enter the High School, or who receive diplomas, when compared with the lower classes. This strongly urges the importance of making the grammar-school course more useful to that large number who have to leave school so early to earn a living for themselves, or to help support the family, struggling hard to make some headway against poverty.

In this district the whole number in the different classes in each school for 1880 is given, as well as that for 1881:—

							1880.	1881.
First	.	.	.	.	.	.	69	72
Second	.	.	.	.	.	.	58	58
Third	.	.	.	.	.	.	74	75
Fourth	.	.	.	.	.	.	56	75
Fifth	.	.	.	.	.	.	45	46
Sixth	.	.	.	.	.	.	88	45
Seventh	.	.	.	.	.	.	50	79
Eighth	.	.	.	.	.	.	48	48
Ninth	.	.	.	.	.	.	39	24

A list of the number who have entered the High

School on certificates, as well as those who have received diplomas from the Bigelow School, is also given: —

	1880.	1881.
Entered the High School on certificates .	13	28
Received diplomas	20	39

This shows a large per cent entering the High School, and graduating from the grammar-school; but still the number who leave the lower classes is too large, and for them some provision should be made by which they can be well grounded in what will best fit them for the work they will have to do in the more humble and laborious walks of life.

By the generosity of some of our townspeople, Mr. Sawin, master of the Bigelow School, has been enabled to buy of Mr. Maynard two collections of native birds (one hundred in each set, stuffed so that they can be readily examined), and his colored illustrated catalogue, as well as a cabinet for them. This collection is like those shown at a meeting of the Committee some weeks ago. Your Committee think this is a step in the right direction, and hope it may be supplemented by collections of minerals, and the beginning of an herbarium of native plants and flowers.

REPORT ON DRAWING AND WRITING.

WITH the exception of grading the work in the grammar-schools, the time of the special teacher of drawing was last year confined to the High School. The number of pupils taking drawing in each class was as follows : —

First class	.	.	.	.	.	.	.	.	4
Second class	.	.	.	.	.	.	.	.	18
Third class	.	.	.	.	.	.	.	.	32
Fourth class	.	.	.	.	.	.	.	.	20

The present year there is a large increase in numbers, mainly in the fourth class : —

First class	.	.	.	.	.	.	.	.	12
Second class	.	.	.	.	.	.	.	.	22
Third class	.	.	.	.	.	.	.	.	18
Fourth class	.	.	.	.	.	.	.	.	60

The course for the fourth class consists of model-drawing from the object, perspective, design, botanical analysis, and historic ornament, all in outline or half-tint. The course for third class consists of model drawing in light and shade, perspective, design, botanical analysis, and historic ornament in flat tint and outline. The course for second class consists of theory of color and examples worked in one tint or more, with de-

sign and historic ornament, also advanced exercises in light and shade on groups of models, and from the cast. The first class took varied examples in water-color, from the cast, in stump, and modelling in clay.

Some students, who could give more time than others, also took modelling in clay with a good degree of success. Examinations were held semi-annually, and averaged with other studies twice a year.

The same course, practically, is being pursued the present year, with the addition of modelling in clay as a systematic study in the third class. This has hitherto been experimental. Mrs. Bowler adds that there is much enthusiasm among the pupils in regard to drawing. She has only to lead, and they eagerly follow. In order that the best results be obtained from the present expenditure of time and money, it is desirable that a new arrangement of seats be made in the art room before the beginning of another school-year. This is needed to facilitate the teaching of model drawing, which is the soul of all the work.

In the grammar-schools, for the past two years, drawing has not been as successfully taught as your Committee could desire. It was deemed an unwise policy to withdraw the supervision of it from the special teacher. Many of the teachers themselves felt the need of the stimulus to be gained by the regular visits of an enthusiastic instructor, who could carefully and critically examine the work. The depreciation in character and quality of work was perhaps not so marked as the lack of enthusiastic interest on the part of pupils in some schools. It was apparent, too, that a better preparation to enter upon the more advanced work of the High School was needed, and this could be secured only

by having the work of the teachers in these schools supplemented by the thorough and skilled instruction of a special teacher. To effect this, the services of Mrs. Bowler have been secured to supervise the work in all the grades, thus allowing, as is most fit and proper, the influence of so valuable a teacher to be felt through all the schools. By this change, we may hope for a constant gain in quality of work performed, and in pleasure of execution.

The penmanship at the High School has this year been placed in charge of Mrs. Bowler, with excellent results. Your Committee would recommend that this branch of education in all the schools be placed in the same care. It would be considered by them a good step in the right direction.

In behalf of the Drawing Committee.

A. A. SMEAD, *Chairman.*
EMILY W. HYDE.

REPORT ON MUSIC.

THE Committee on Music, in presenting their Report, must acknowledge they are not as well satisfied with the condition of this department as they could wish.

It is now four years since a special instructor was employed to teach this branch, and we could hardly expect to find the standard as high as formerly: indeed, some of the parents, as well as the teachers and Committee, feel that the children are suffering great loss from want of proper instruction in this branch.

It is true, we believe, that some schools are highly favored in possessing teachers who are cultivated singers, and competent to instruct and *lead* their classes in music as well as in the other required branches.

But this is not so in all cases; and though an instructor may be faithful in teaching the *theory* of music, and in drilling his pupils in reading the notes, keeping time, etc., yet, if he cannot sing, he is not able to accomplish such results as a good singer might.

Hence, so far as we can learn, the general feeling among the masters of the schools is, that better work ought to be done in this direction, and could be, with the assistance of a special teacher.

It is a question well worthy of consideration, whether

retrenchment in this city *ought* to be carried so far as to deny to our children instruction in any branch so conducive to their happiness and culture as music.

EMILY W. HYDE.

A. AMELIA SMEAD.

LINCOLN R. STONE.

REPORT OF EVENING SCHOOL.

THE school was opened in the Lincoln building on Pearl Street, Ward One, on Monday, Nov. 8, 1880, and was in session three nights each week until the 28th of February, 1881. Omitting the night of the severe snow-storm, when only six were present, the attendance varied from eighteen to forty-five, the average being thirty-one.

Of the whole number enrolled, eighteen were females. Four of these were in the advanced class, and took book-keeping with fair success: the others were trained in reading, spelling, writing, and arithmetic.

The great majority of the scholars, both male and female, were persons with a very defective knowledge of the rudimentary branches, and some could scarcely read. There were four teachers employed during the greater part of the time, and for a short time five. The varying capacity of the pupils forbids their being grouped into large classes, and makes it necessary to give individual instruction to the most of them. The Committee think the past year of the school more satisfactory in general results than any previous year.

G. W. SHINN.

L. R. STONE.

Committee.

IN the absence of the regular Annual Report of his predecessor, the present Superintendent has prepared the following statistics, and appended, by vote of the Board, his first Quarterly Report for the current year.

AMOS E. LAWRENCE.

NEWTON, January, 1882.

STATISTICS.

Population of the city, United-States census of 1880	.	17,000
Number of persons in the city between five and fifteen years of age May 1, 1880	.	3,182
Number of persons in the city between five and fifteen years of age May 1, 1881, by wards : —		
I.	453	
II.	603	
III.	449	
IV.	523	
V.	436	
VI.	494	
VII.	294	
Total	—	3,252
Increase for the year	.	70
Whole number of pupils enrolled 1880	.	3,397
Whole number of pupils enrolled 1881	.	3,687
Increase	.	290
Average number of pupils belonging 1880	.	2,824.4
Average number of pupils belonging 1881	.	2,844.7
Increase	.	20.3
Average daily attendance 1880	.	2,571.3
Average daily attendance 1881	.	2,588.3
Increase	.	17.0
Average per cent of attendance	.	91

Table showing the Annual Enrollment in each of the Primary and Grammar Grades in September, 1876-1881.

DATE	GRADES.									Total.
	I.	II.	III.	IV.	V.	VI.	VII.	VIII.	IX.	
September, 1876. . .	380	383	338	420	282	252	261	165	129	2,610
September, 1877. . .	424	321	361	398	394	225	214	199	126	2,662
September, 1878. . .	428	347	306	341	392	300	194	190	157	2,655
September, 1879. . .	431	365	359	298	344	294	271	159	157	2,678
September, 1880. . .	464	372	376	321	296	342	260	221	162	2,814
September, 1881. . .	530	386	381	394	270	312	311	211	150	2,945
Average	443	362	353	362	330	287	252	191	147	2,727

Table showing the Percentage of Total Annual Enrollment in each of the Primary and Grammar Grades in September, 1876-1881.

DATE.	GRADES.									Total.
	I.	II.	III.	IV.	V.	VI.	VII.	VIII.	IX.	
September, 1876. . .	14.6	14.7	12.9	16.1	10.8	9.7	10	6.3	4.9	100
September, 1877. . .	15.9	12.1	13.6	14	14.8	8.5	8	7.5	4.7	100
September, 1878. . .	16.2	13.1	11.5	12.8	14.8	11.3	7.3	7.1	5.9	100
September, 1879. . .	16.1	13.6	13.4	11.1	12.8	11	10.1	6	5.9	100
September, 1880. . .	16.5	13.2	13.4	11.4	10.5	12.1	9.2	7.9	5.8	100
September, 1881. . .	18	13.1	12.9	13.4	9.2	10.6	10.5	7.2	5.1	100
Average	16.2	13.3	13	13.2	12.2	10.5	9.2	7	5.4	100

Table showing the Annual Enrollment, and Percentage of Total Annual Enrollment, in each Class of the High School in September, 1878-1881.

DATE.	CLASSES.								Total Number of Pupils.	Total per cent.
	IV.		III.		II.		I.			
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		
September, 1878 . . .	96	36.9	76	29.2	53	20.4	35	13.5	260	100
September, 1879 . . .	127	43.1	72	24.4	60	20.3	36	12.2	295	100
September, 1880 . . .	104	34.3	97	31.9	60	19.7	43	14.1	304	100
September, 1881 . . .	114	39.9	58	20.3	77	26.9	37	12.9	286	100
Average	110	38.5	76	26.5	62	21.8	38	13.2	286	100

Table showing the Annual Enrollment by Districts in each of the Primary and Grammar Grades in September, 1880 and 1881.

DISTRICTS.	GRADES.									Total.
	I.	II.	III.	IV.	V.	VI.	VII.	VIII.	IX.	
Newton Centre including Oak Hill and Thomp- sonville . . .	{ 1880, 72 1881, 75	{ 65 61	{ 43 60	{ 59 55	{ 47 54	{ 48 40	{ 46 37	{ 36 44	{ 19 26	{ 435 452
{ Highlands . .	{ 1880, 42 1881, 50	{ 14 21	{ 19 25	{ 19 23	{ 18 14	{ 19 21	{ 12 17	{ 13 14	{ 5 8	{ 161 193
{ Upper Falls .	{ 1880, 41 1881, 35	{ 34 33	{ 29 35	{ 27 26	{ 21 19	{ 20 23	{ 24 19	{ 13 18	{ 12 11	{ 221 219
{ Lower Falls .	{ 1880, 11 1881, 19	{ 14 11	{ 16 11	{ 14 15	{ 16 12	{ 4 11	{ 21 6	{ 9 19	{ 10 5	{ 115 109
{ Auburndale .	{ 1880, 36 1881, 40	{ 27 33	{ 37 26	{ 30 45	{ 20 23	{ 31 22	{ 26 39	{ 14 13	{ 15 14	{ 236 255
West Newton .	{ 1880, 81 1881, 100	{ 78 77	{ 77 68	{ 41 74	{ 62 37	{ 69 80	{ 35 51	{ 55 20	{ 35 41	{ 533 548
Newtonville .	{ 1880, 112 1881, 148	{ 82 93	{ 81 81	{ 75 79	{ 67 60	{ 63 72	{ 46 57	{ 33 33	{ 27 22	{ 586 645
Newton . . .	{ 1880, 69 1881, 63	{ 58 57	{ 74 75	{ 56 77	{ 45 51	{ 88 43	{ 50 85	{ 48 50	{ 39 23	{ 527 524
Total . .	{ 1880, 464 1881, 530	{ 372 386	{ 376 381	{ 321 394	{ 296 270	{ 342 312	{ 260 311	{ 221 211	{ 162 150	{ 2,814 2,945

Table showing the Percentage of Total Annual Enrollment by Districts in each of the Primary and Grammar Grades, in September 1880 and 1881.

DISTRICTS.	GRADES.									Total.
	I.	II.	III.	IV.	V.	VI.	VII.	VIII.	IX.	
Newton Centre including Oak Hill and Thomp- sonville . . .	{ 1880, 16.6 1881, 16.6	{ 14.9 13.5	{ 10 13.3	{ 13.1 12.2	{ 10.8 11.9	{ 11 8.8	{ 10.9 8.2	{ 8.3 9.7	{ 4.4 5.8	{ 100 100
{ Highlands . .	{ 1880, 26.1 1881, 25.9	{ 8.7 10.9	{ 11.8 12.9	{ 11.8 11.9	{ 11.2 7.3	{ 11.8 10.9	{ 7.4 8.8	{ 8.1 7.3	{ 3.1 4.1	{ 100 100
{ Upper Falls .	{ 1880, 18.5 1881, 16	{ 15.4 15	{ 13.1 16	{ 12.2 11.9	{ 9.5 8.7	{ 9.1 10.5	{ 10.9 8.7	{ 5.9 8.2	{ 5.4 5	{ 100 100
{ Lower Falls .	{ 1880, 9.6 1881, 17.4	{ 12.2 10.1	{ 13.9 10.1	{ 12.2 13.8	{ 13.9 11	{ 3.5 10.1	{ 18.2 5.5	{ 7.8 17.4	{ 8.7 4.6	{ 100 100
{ Auburndale .	{ 1880, 15.3 1881, 15.7	{ 11.4 13	{ 15.7 10.2	{ 12.7 17.6	{ 8.5 9	{ 13.2 8.6	{ 11 15.3	{ 5.9 5.1	{ 6.3 5.5	{ 100 100
West Newton .	{ 1880, 15.2 1881, 18.2	{ 14.6 14.1	{ 14.4 12.4	{ 7.7 13.5	{ 11.6 6.8	{ 13 14.6	{ 6.6 9.3	{ 10.3 3.6	{ 6.6 7.5	{ 100 100
Newtonville .	{ 1880, 19.1 1881, 22.9	{ 14 14.4	{ 13.8 12.6	{ 12.8 12.3	{ 11.4 9.3	{ 10.8 11.2	{ 7.9 8.8	{ 5.7 5.1	{ 4.5 3.4	{ 100 100
Newton . . .	{ 1880, 13.1 1881, 12	{ 11 10.8	{ 14 14.3	{ 10.6 14.7	{ 8.5 9.7	{ 16.7 8.4	{ 9.5 16.2	{ 9.2 9.5	{ 7.4 4.4	{ 100 100
Total . .	{ 1880, 16.7 1881, 18	{ 12.8 13.1	{ 13.3 12.9	{ 11.6 13.4	{ 10.7 9.2	{ 11.1 10.6	{ 10.3 10.5	{ 7.7 7.2	{ 5.8 5.1	{ 100 100

Table showing the Number of Pupils and their Average Age by Grades for September, 1880 and 1881.

SCHOOLS.		GRADES.																	
		I.			II.			III.			IV.			V.			VI.		
		No. of Pupils.	Av Age		No. of Pupils.	Av Age		No. of Pupils.	Av Age		No. of Pupils.	Av Age		No. of Pupils.	Av Age		No. of Pupils.	Av Age	
			Years.	Mos.		Years.	Mos.		Years.	Mos.		Years.	Mos.		Years.	Mos.		Years.	Mos.
Mason	{ 1880, 1881,	50 54	5 5	5 7	50 52	7 6	1 7	35 44	8 8	9 1	58 48	9 9	3 6	43 52	10 10	4 1	48 37	12 11	5 3
Oak-Hill	{ 1880, 1881,	4 5	7 7	... 3	7 2	7 9	3 2	... 9	... 7	... 9	1 7	9 10	... 1	4 2	10 11	6 10	... 3	... 15	... 4
Thompsonville	{ 1880, 1881,	18 16	5 5	... 2	8 7	7 7	4 ...	8 7	9 8	... 9	......	......	......	......	......	......	......	......	......
Prospect	{ 1880, 1881,	41 35	5 5	5 4	34 33	7 6	2 11	29 35	8 8	2 4	27 26	10 9	... 1	21 19	10 10	7 4	20 23	11 11	10 3
Hyde	{ 1880, 1881,	42 50	6 5	4 11	14 21	7 7	4 3	19 25	8 8	8 7	19 23	9 9	4 9	18 14	10 11	8 1	19 21	11 12	9 8
Hamilton	{ 1880, 1881,	11 19	5 5	4 9	14 11	6 7	9 7	16 11	8 7	2 8	14 15	10 9	... 9	16 12	10 10	9 9	4 11	11 11	5 9
Williams	{ 1880, 1881,	36 40	6 6	... 1	27 33	7 7	6 6	37 26	8 8	7 6	30 45	9 9	3 3	20 23	10 10	5 5	31 22	12 12	... 9
Peirce	{ 1880, 1881,	...	...	...	...	...	...	...	...	...	...	...	...	12	11	6	45 56	12 12	... 2
Davis	{ 1880, 1881,	55 61	5 6	11 5	44 48	7 7	4 5	53 46	8 8	9 7	18 49	9 9	4 9	33	10	11	...	...	...
Franklin	{ 1880, 1881,	26 39	5 6	4 2	34 29	6 7	6 6	24 22	7 8	7 4	23 25	9 8	... 6	24 25	11 11	1 2	24 24	12 12	... 9
Adams	{ 1880, 1881,	21 29	6 6	... 1	16 21	8 7	... 11	28 23	8 9	... 4	22 21	9 9	6 11	...	...	...	...	...	...
Claffin	{ 1880, 1881,	27 37	5 6	6 1	20 23	7 7	8 7	27 21	8 9	9 3	15 27	9 9	5 9	33 21	11 10	1 9	34 40	11 12	7 ...
Jackson	{ 1880, 1881,	64 82	5 6	9 10	46 49	7 8	8 ...	26 37	9 9	3 5	38 31	9 10	7 6	34 39	11 10	1 8	29 32	11 12	9 ...
Bigelow	{ 1880, 1881,	...	...	...	...	...	...	...	...	...	56 77	9 10	8 ...	45 51	10 11	11 ...	88 43	11 12	8 2
Underwood	{ 1880, 1881,	57 53	6 6	2 6	43 45	7 7	4 6	58 61	8 9	8...	...	...	...	...	...	...	...	...	...
Lincoln	{ 1880, 1881,	12 10	5 6	11 2	15 12	6 7	10 5	16 14	8 8	6 8	...	...	...	...	...	...	...	...	...
High	{ 1880, 1881,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	{ 1880, 1881,	464 530	5 6	9 1	372 386	7 7	3 6	376 381	8 8	6 7	321 394	9 9	5 8	296 270	10 10	9 10	342 312	11 12	10 4

Table showing the Number of Pupils and their Average Age by Grades for September, 1880 and 1881. — Concluded.

SCHOOLS.	GRADES. — Concluded.																					Total Number of Pupils.	
	VII.			VIII.			IX.			Class IV			Class III.			Class II.			Class I.				
	No. of Pupils.	Av Age		No. of Pupils.	Av Age		No. of Pupils.	Av Age		No. of Pupils.	Av Age		No. of Pupils.	Av Age		No. of Pupils.	Av Age		No. of Pupils.	Av Age			
		Years.	Mos.		Years.	Mos.		Years.	Mos.		Years.	Mos.		Years.	Mos.		Years.	Mos.		Years.	Mos.		Years.	Mos.
Mason . . .	{ 1880,	44	12	1	36	1	4	19	13	4												383	
	{ 1881,	35	12	6	39	1	3	26	14	7												387	
Oak-Hill . . .	{ 1880,	2	12	6																		18	
	{ 1881,	2	10	10	5	13	7															35	
Thompsonville	{ 1880,																					34	
	{ 1881,																					30	
Prospect . . .	{ 1880,	24	12	3	13	13	4	12	13	11												221	
	{ 1881,	19	12	7	18	13	3	11	14	4												219	
Hyde	{ 1880,	12	12	7	13	14	3	5	14	10												161	
	{ 1881,	17	12	9	14	13	7	8	14	8												193	
Hamilton . . .	{ 1880,	21	12	7	9	13	9	10	14	5												115	
	{ 1881,	6	13	5	19	13	6	5	14	8												109	
Williams . . .	{ 1880,	26	13	8	14	13	5	15	15	5												236	
	{ 1881,	39	12	11	13	14	6	14	14	6												255	
Peirce	{ 1880,	35	12	8	55	13	9	35	14	10												170	
	{ 1881,	51	12	7	20	13	4	41	14	9												180	
Davis	{ 1880,																					208	
	{ 1881,																					204	
Franklin . . .	{ 1880,																					155	
	{ 1881,																					164	
Adams	{ 1880,	33	12	11	33	13	5	27	14	3												180	
	{ 1881,	37	12	9	33	13	9	22	14	7												186	
Claffin	{ 1880,	13	12	11																		169	
	{ 1881,	20	12	7																		189	
Jackson	{ 1880,																					237	
	{ 1881,																					270	
Bigelow	{ 1880,	50	12	11	48	13	11	39	14	5												326	
	{ 1881,	85	13	1	50	13	11	23	14	6												329	
Underwood . .	{ 1880,																					158	
	{ 1881,																					159	
Lincoln	{ 1880,																					43	
	{ 1881,																					36	
High	{ 1880,										104	15	3	97	16		60	17	2	43	17	11	304
	{ 1881,										114	15	3	58	16		77	17	2	37	17	11	286
Total	{ 1880,	260	12	8	221	13	8	162	14	5	104	15	3	97	16		60	17	2	43	17	11	3,118
	{ 1881,	311	12	7	211	13	8	150	14	7	114	15	3	58	16		77	17	2	37	17	11	3,231

SUPERINTENDENT'S REPORT.

TO HIS HONOR THE MAYOR AND THE SCHOOL COMMITTEE OF NEWTON.

I have the honor to submit the first Quarterly Report of the public schools for the current year 1881-82.

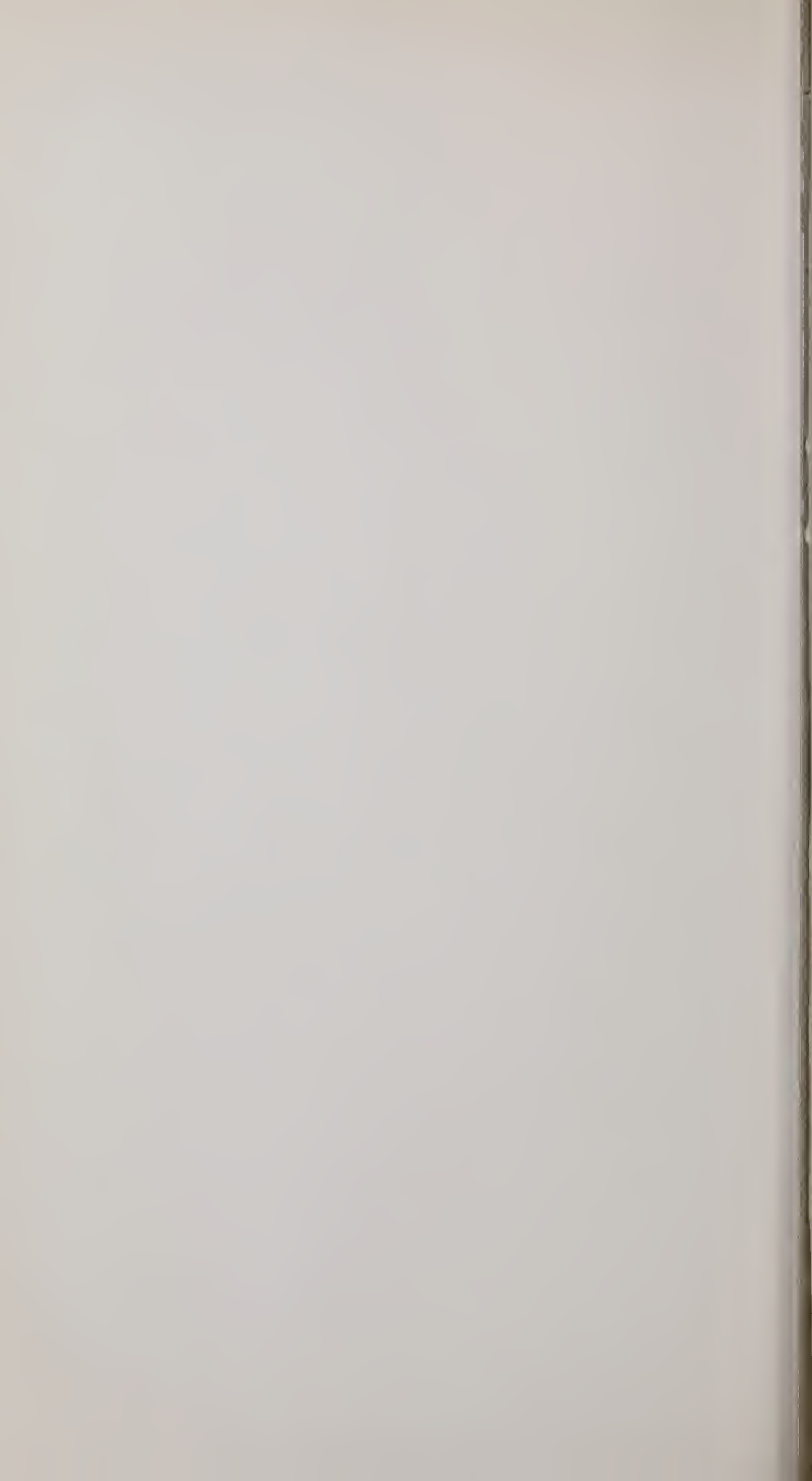
The total enrollment for the primary and grammar schools in September was 2,945, an increase over that of last year of 131, distributed as follows : —

	Increase.	Decrease.
Newton Centre, including Oak Hill and Thompsonville	17	
Highlands	32	
Upper Falls		2
Lower Falls		6
Auburndale	19	
West Newton	15	
Newtonville	59	
Newton	—	3
Total increase	142	—
Total decrease	—	11
Net increase	131 as before.	

As might be expected, more than half of this increase appears in the first grade.

The enrollment in the High School for September was 286 (boys, 135 ; girls, 151), a decrease of 18 from last year, distributed among the several classes as follows : —

Fourth class, 114 as against	104 of last year.
Third class, 58 as against	97 of last year.
Second class, 77 as against	60 of last year.
First class, 37 as against	43 of last year.
Total, 286 as against	304 of last year.



The average whole number in the primary and grammar schools for the three months ending with November is 2,832.2; the average attendance, 2,612.5; giving as the percentage of attendance, 92.3.

The total number of cases of tardiness is 1,110, which, computed on the average attendance, amount to .355 of one per cent.

The attendance is fair for the city, as a whole, perhaps nearly as high as it should be; but the great disparity (from four to eight per cent) between schools and sections which represent the extremes suggests the presence, in some quarters, of evils which an earnest co-operation on the part of parents and teachers should correct.

The same is true of tardiness. While slight allowance may be made for local differences, the fact that one school is subjected to a tenfold greater annoyance from this source than another calls for special efforts to bring it to the attention of those who have the power to remedy the evil.

It is doubtful if some of the patrons of the public schools who are best informed, and have their welfare most at heart, appreciate the extent to which those schools suffer from *their* failure to insist on the punctual and regular attendance of *their* children when not prevented by circumstances beyond control.

This is, of course, but one of the conditions of prosperity; but its importance demands that no means be left untried to create and foster a healthy sentiment in regard to it.

The time hitherto devoted to a personal inspection of the schools, and, indeed, the written examination at the close of the first quarter, have had special reference to an acquaintance with what IS, rather than to an indication of what OUGHT TO BE, with a view to recognize and conserve all that is excellent in the future effort to modify or change for the better.

In these not infrequent visits, certain apparent defects have come to my notice, and subsequent observation and reflection have only confirmed first impressions; and, in suggest-

ing changes which seem to be improvements, I am happy to believe that such changes would meet the hearty welcome of a corps of teachers whose exceptional competence and fidelity have impressed me as one of the noteworthy features of the Newton schools.

A right *plan of organization*, while it can never compensate for defects in the details of its working, is an indispensable requisite to the highest success. In a system of graded schools it would seem that the *school* representing the various grades is the unit of that system. This theory would, further, seem to be recognized in the title of *Master*, and the subordinate titles of *Principal* and *Assistants*; and yet the masters are so generally, and at present of necessity, but in name. Confined to their respective rooms by the responsibility of teaching and caring for two and sometimes three grades, no time, no facilities, are given for supervision of teachers and pupils ostensibly under their jurisdiction; and the result is, if not a want of harmony, a want of unity and mutual adaptation, which can only result in a waste of power. If this lack of unity is manifest in any given school, it must be felt in a higher degree in a system composed of many schools. That this lack is felt to-day in all departments I do not hesitate to affirm, and also express it as my confident belief, that a gradual but speedy return to the plan whereby the master is afforded the time to supervise, and made responsible for, the several departments under his nominal headship, would result in securing greater unity and higher efficiency to the entire system.

Another vital question is that relating to the employment of special teachers. That such teachers are a necessity in certain departments is generally conceded; and, when it is proposed to increase their number, the natural inquiry is, "Why any limit? Why not a specialist for each branch?" It were to be wished that all our teachers were fully competent to give instruction in all the specialties required in our schools; but we know it is the prerogative of genius to excel in many, and, until such specialties have become and

are universally recognized as essentials in the common-school curriculum, it is idle to expect all teachers to be qualified to instruct wisely and well in them; and, until such time as these qualifications can be required, the proper question seems to be, "Is the special branch a necessity in our schools?" This, in turn, involves a financial question; and this consideration may have operated to practically eliminate certain branches of acknowledged value. If so, it is much to be regretted that retrenchment has been effected in the direction of vocal music.

It were unnecessary, if not discourteous, at this day and before this Board, to insist upon the value of vocal music in the schoolroom, whether as a sanitary, disciplinary, educating and refining agent, or in its more practical aspects as furnishing a necessary relaxation from study, and often discovering a future means of livelihood. This value conceded, can or will music be well taught by the regular teachers? In some cases, Yes. In many and most cases, No. Many have not the requisite knowledge of music; more have not the confidence which comes of familiarity and practice. And the fact that some teachers have both the ability and disposition to train their pupils in the rudiments of a musical education is of itself a strong argument for the employment of a special teacher to equalize the advantages enjoyed by the more favored pupils. That this department is suffering for the want of a competent and enthusiastic director is patent to all who will investigate, and that this suffering is shared by most who appreciate its place in school-training is but too evident. I most earnestly commend the subject to the early attention of the Board.

The interests of sewing, elementary evening school, and school for mechanical drawing, are in the hands of special and standing committees, and will be reported in due time. Pending the report of the first, it may be observed, that, at the instance of the special committee having the matter in charge, I have given the subject of sewing in school sufficient attention to become convinced of its great practical value, if

once successfully inaugurated, and that, to make it most nearly self-supporting, a demand for it should be created, and facilities furnished only as that demand increases; and, further, if a small expenditure is requisite to the creation of that first demand, by supplying material, etc., it will be a wise and safe investment.

The matter of vaccination has received renewed attention in all the schools, and it is believed that few, if any, of the pupils, have not already complied with the requirements of the statute and the regulation pursuant thereto.

All of which is respectfully submitted.

JOHN E. KIMBALL,
Superintendent.

NEWTON, MASS., Dec. 28, 1881.

SECRETARY'S REPORT.

STATISTICS.

NAMES OF TEACHERS.	Department.	Class.	Whole Number of Pupils during the Year.	Average Whole Number.	Average Attendance.	Number of Pupils under 5.	Number of Pupils over 15.
<i>High School.</i>			313	268.9	251.6		242
Edward H. Cutler	Head Master.						
Ezra W. Sampson	Master.						
John F. Kent	Asst. Master.						
S. Alice Worcester	Assistant.						
Caroline Spear	"						
M. Isabel Hanson	"						
M. Abby Smith	"						
Martha E. Foote	"						
Maybell P. Davis	"						
<i>Special Teachers.</i>							
Mrs. Emma F. Bowler	Drawing.						
Jennie E. Ireson	{ Calisthenics.						
Frank N. Brown	{ Elocution.						
Eliza B. Barry	{ Military Drill.						
	{ Rhetoric.						
<i>Mason School.</i>			444	343.7	303	8	13
Albert L. Harwood	Master.	9					
George A. Moore	Head Assist.	8					
Sarah H. Munger	Assistant.	7					
Maria F. Wood	"	6					
Mary Tenney	"	5					
Lizzie S. Friend	"	4					
Ellena H. Thompson	"	3					
Harriette E. Bird	"	2					
Ellen M. Cook	"	1					
<i>Oak-Hill School.</i>			34	25	21	1	2
Mattie R. T. Owler	Principal.	{ 1,2,3,4 6,7,8					
<i>Thompsonville School.</i>			44	29.6	26	7	
Helen A. Davis	Principal.	1, 2, 3					
<i>Hyde School.</i>			185	161.3	147.7		8
George S. Turner	Master.	8, 9					
Lilla M. Means	Head Assist.	6, 7					
Alice M. Hammond	Assistant.	4, 5					
Alice F. Whitcomb	"	2, 3					
Cornelia Collins	"	1					

STATISTICS — Continued.

NAMES OF TEACHERS.	Department.	Class.	Whole Number of Pupils during the Year.	Average Whole number.	Average Attendance.	Number of Pupils under 5.	Number of Pupils over 15.
<i>Prospect School.</i>			284	215	197.4	7	1
Walter C. Frost	Master.	8, 9					
Martha L. Perkins	Head Assist.	6, 7					
Ella F. Crooker	Assistant.	4, 5					
Kate P. Richardson	"	3					
Lizzie W. Everett	"	2					
Mary P. Fanning	"	1					
<i>Hamilton School.</i>			132	98.9	93.4	2	4
Luther E. Leland	Master	7, 8, 9					
Anna G. Swain	Head Assist.	4, 5, 6					
Sarah H. Jumper	Assistant.	1, 2, 3					
Addie P. Tuttle							
<i>Williams School.</i>			290	219	197.8	2	16
George L. Chandler	Master.	8, 9					
Elizabeth A. Pinnoek	Head Assist.	7					
Louise I. Burbank	Assistant.	5, 6					
Laura Saltonstall	"	4					
Helen I. Merrill	"	2, 3					
Ann B. Smith	"	1, 2					
<i>Peirce School.</i>			182	154.7	146.1		31
Levi F. Warren	Master.	9					
Sarah A. Warren	Head Assist.	8					
Mary J. Pickering	Assistant.	6, 7					
Eliza E. Simmons	"	5					
<i>Davis School.</i>			245	174.6	162.8		
Ella G. Bates	Principal.	4					
Calista S. Wood	Assistant.	3					
Susan E. Copeland	"	2					
Sarah E. Foster	"	1					
<i>Franklin School.</i>			165	129.6	121.1		2
Elizabeth F. Paddock	Principal.	5, 6					
M. Isabel Jenkins	Assistant.	3, 4					
Emma J. Thompson	"	1, 2					
<i>Adams School.</i>			225	154.3	141.7		9
William A. Spinney	Master.	8, 9					
Jennie M. Edwards	Head Assist.	7, 8					
Estella M. Haynes	Assistant.	3, 4					
Lydia A. Brierly	"	1, 2					
<i>Clafin School.</i>			207	163.4	149.1		3
Alice Pitts	Principal.	6, 7					
Lilla T. Wilder	Head Assist.	5, 6					
Mary R. Ware	Assistant.	3, 4					
Lizzie Jones	"	1, 2					
<i>Jackson School.</i>			311	203	181		2
George G. Edwards	Principal.	5, 6					
H. Augusta Millard	Assistant.	4, 5					
Louise W. Clelland	"	3, 4					
Anna F. Gage	"	2					
Abby J. Clark	"	1					
Eliza J. Lovely	"	1					

STATISTICS — *Concluded.*

NAMES OF TEACHERS.	Department.	Class.	Whole Number of Pupils during the Year.	Average Whole Number.	Average Attendance.	Number of Pupils under 5.	Number of Pupils over 15.
<i>Bigelow School.</i>			351	302.4	275.8		41
H. Chapin Sawin	Master.	8, 9					
Eudora Sanford	Head Assist.	7, 8					
Martha M. Bakeman	Assistant.	7					
S. Louise Shelton	"	6, 7					
Augusta A. Lentell	"	6					
Mary H. Dwyer	"	4, 5					
Clara J. Calley	"	4					
<i>Underwood School.</i>			214	155.4	136.9	1	
Emma M. Cleary	Assistant.	3					
Lizzie C. Clarke	"	2, 3					
Annie L. Wood	"	1, 2					
Josephine W. Littlefield . . .	"	1					
<i>Lincoln School.</i>			51	34.5	28.8		
Allotta C. Wilmarth	Assistant.	1, 2, 3					

REPORT OF SCHOOL COMMITTEE.

The following Table gives the Statistics of Monthly Attendance, and the Aggregate Attendance, for School Year ending June 25, 1881.

SCHOOLS.	SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.			JANUARY.			FEBRUARY.		
	Average	Attendance.	Per cent	Average	Attendance.	Per cent	Average	Attendance.	Per cent	Average	Attendance.	Per cent	Average	Attendance.	Per cent	Average	Attendance.	Per cent
	Whole No.			Whole No.			Whole No.			Whole No.			Whole No.			Whole No.		
Mason	371.6	353.8	95.3	370.5	344.6	92.8	363.8	329.3	90.2	364.2	329.4	87.7	337.8	287	85.6	309.2	260.5	84.6
Prospect	217.9	202.1	93.2	218.4	204.2	93.6	217.2	199.8	91.5	206.4	189.4	91.9	216.5	198.6	91.6	209.4	190.9	90.5
Hyde	150.7	144.3	96.1	166	158.3	95.5	170.4	156.9	92.5	167.8	150.8	91.2	135.2	122.9	91.5	139.4	123.3	88.4
Oak-Hill	18.3	16	88.8	20.9	19.5	90	26	23.1	88.9	26.5	23.2	87.5	25.5	20.6	80.8	25	19.4	77.6
Thompsonville	27.4	24.1	88.3	33.5	29.1	86.8	36	32.3	89.6	33	28.9	87.8	22.3	21	94.1	22.5	19.4	86.2
District No. 1	785.9	740.3	92.3	809.3	755.7	91.7	813.4	741.4	90.6	797.9	721.7	89.2	737.3	650.1	88.7	705.5	619.5	85.5
Williams	223.5	212.7	95.2	243.8	230.9	94.1	239.1	216.2	90.4	204.3	184.7	90.1	212.3	185.3	86.7	191	165.9	86.6
Hamilton	110.8	106.9	97.3	111.8	108.1	96.6	111.5	108.5	97.2	109.7	103.5	94.5	106.5	100.2	94.3	98.4	89.4	90.9
District No. 2	334.3	319.6	96.2	355.6	339	95.3	350.6	324.7	93.7	314	288.2	92.3	318.8	285.5	90	289.4	255.3	88.7
Peirce	161.5	157.3	97.2	166.7	161	96.5	164.2	156	95	153.3	146.1	95.2	158.1	151.4	95.7	158.2	148.9	94.5
Davis	203.9	193.8	95	190.4	182.3	95.7	173.1	161.7	93.4	134.4	125.9	93.4	163.3	150.6	91.9	161.4	147.7	91
Franklin	154.3	146.8	95.2	150.2	138.8	92.3	137.5	123.3	90	100	91.6	91.3	117.5	107.7	91.5	117	104.7	89.3
Adams	169.6	160.9	94.6	167.4	156.2	93.1	147.9	136.7	92.2	152.1	139.2	91.3	145.6	141.8	89.7	144.5	130	89.4
Clafin	162.5	153.4	94.2	174	162.3	93.6	171.9	155.5	91	163.5	147.7	90.9	155.5	136.7	88.2	156.5	137.3	87.9
District No. 3	851.8	812.2	95.2	848.7	800.6	94.2	794.6	733.2	92.3	703.3	650.5	92.4	740	688.2	91.4	737.6	668.6	90.4
Bigelow	316.5	297.9	94.1	318.8	288.6	93.7	312.3	287.1	92	308.5	276.4	89.6	302.9	275.8	91.4	304.1	269.6	88.6
Underwood	150.5	140.2	92.9	161.6	150.7	93.3	173.2	155.5	89.7	154.7	136.2	87.8	155.9	140.1	89.8	155	124.9	81
Lincoln	42	37.6	89.5	43.7	37.6	86	24.3	13.6	55.8	16.4	12.4	75.3	28.9	24.9	86.1	31.7	25.8	81.3
Jackson	228.6	210.9	92.4	202.8	182.6	89.6	141.1	123.4	87	164.6	146.5	88.8	176.3	155.9	88.3	195.2	170.1	87.3
District No. 4	737.6	686.6	92.2	726.9	659.5	90.7	650.9	579.6	81.1	744.2	681.5	85.4	664	596.7	88.9	686	590.4	84.6
High	298.3	291.9	97.8	292.2	281.1	96.7	286.1	272.9	95.5	277.3	265	95.5	272.6	252	92.5	264.1	246.2	93.2
Total	3007.9	2860.6	94.7	3032.7	2835.9	93.7	2895.6	2651.8	90.6	2836.7	2606.9	91	2732.5	2472.5	90.3	2682.6	2380	88.5

The following Table gives the Statistics of Monthly Attendance, and the Aggregate Attendance, for School Year ending June 25, 1881.

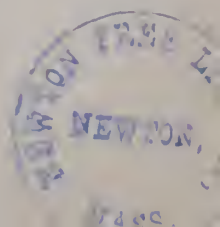
SCHOOLS.	MARCH.			APRIL.			MAY.			JUNE.			YEARS.		
	Average Whole No.	Average Attendance.	Per cent Attendance.	Average Whole No.	Average Attendance.	Per cent Attendance.	Average Whole No.	Average Attendance.	Per cent Attendance.	Average Whole No.	Average Attendance.	Per cent Attendance.	Average Whole No.	Average Attendance.	Per cent Attendance.
Mason	309.2	260.5	84.2	345.9	279.9	82.3	331.6	284.1	86.6	336.7	300.2	91.7	.....	.....	.....
Prospect	209.4	192.8	92.4	217.6	190.7	88.5	213.4	194.7	91.5	218.7	208.2	95.9	.....	.....	.....
Hyde	158.3	142.1	90.6	163.3	149.1	91.2	163.3	166.3	91.2	179.9	163.2	90.5	.....	.....	.....
Oak-Hill	25	20.4	81	25.3	21.5	87	28	21.7	77.3	29	24.2	87	.....	.....	.....
Thompsonville	22.5	19.4	86.2	31.9	26.8	84	34.8	29	83.3	32	29.1	90.9	.....	.....	.....
District No. 1	724.4	635.2	87	784	668	86.6	790.6	695.8	85	796.3	724.9	91.2	774.5	695.3	88.8
Williams	204.3	182.5	89.3	222.6	198.8	89.5	226.8	201	88.8	222.3	200.1	90.5	.....	.....	.....
Hamilton	75.5	68.7	90.6	85.7	78.9	92.2	89.2	84	94.2	90.2	85.7	95.1	.....	.....	.....
District No. 2	279.8	251.2	89.9	308.3	277.7	90.8	316	285	91.5	312.5	285.8	92.8	317.9	290.6	92.1
Peirce	153.1	139.5	91.2	143.5	125.1	94.1	147.1	138.6	94.3	141.5	133.2	94.2	.....	.....	.....
Davis	160.8	149.5	92.6	183.9	172	93.5	184.9	175	94.6	181.6	169.8	93.5	.....	.....	.....
Franklin	125.8	112.1	89.1	125.5	111.6	88.9	132.2	117.8	90.1	136.2	126.2	92.4	.....	.....	.....
Adams	147.4	137.1	92.9	160.7	145.2	90.6	159	139.3	88.8	148.5	130.5	89	.....	.....	.....
Clafin	151.9	139.2	91.8	169.3	150.6	89.6	171.7	154.8	90.7	157	153.1	91.5	.....	.....	.....
District No. 3	739	677.4	91.5	782.9	704.5	91.3	794.9	725.5	91.7	764.8	712.8	92.1	775.8	717.4	92.3
Bigelow	300.4	270	89.4	301.6	274	91.2	290.1	262.2	90.6	272.1	256.1	94.3	.....	.....	.....
Underwood	158	133.1	84	168	138.2	82.9	146.2	115	78.6	151.1	134.8	89.5	.....	.....	.....
Lincoln	32.9	27.4	83.2	39.6	34.4	86.8	42.6	36.4	85.3	42.8	38.2	89.2	.....	.....	.....
Jackson	207.6	184.6	88.4	234.3	209.2	89.2	243.4	215.9	88.6	236	210.4	88.7	.....	.....	.....
District No. 4	698.9	615.1	86.3	743.5	655.8	87.5	722.3	629.5	85.8	702	639.5	90.4	707.6	633.4	87.3
High	253.5	231.2	91.2	255.2	232.1	90.9	249.5	230	92.2	240.1	213.6	88.9	268.9	251.6	93.5
Total	2695.6	2410.1	89.2	2873.9	2538.1	89.4	2873.3	2565.8	89.3	2815.7	2576.6	91.1	2844.7	2588.3	91

REPORT OF SCHOOL COMMITTEE.

SCHOOL APPROPRIATIONS FOR 1881.

General Appropriation for Support of Schools	\$75,700 00	
Received from the Dog Tax	733 32	
		<u>\$76,433 32</u>
Amount transferred to School Incidentals	992 63	
		<u>\$75,440 69</u>
Amount paid to Superintendent	\$2,430 00	
Amount paid to Teachers	64,030 25	
Amount paid to Janitors	4,088 00	
Amount paid to Secretary	300 00	
Amount paid for Fuel	4,592 44	
Amount expended	—	<u>\$75,440 69</u>
Appropriation for Evening School	\$400 00	
Amount transferred from Appropriation for Conveyance of Pupils	68 54	
Amount transferred from Appropriation for Industrial Drawing	66 95	
		<u>\$535 49</u>
Amount paid to Teachers	\$439 50	
Amount paid to Janitor	33 75	
Amount paid for Incidentals	62 24	
Amount expended	—	<u>\$535 49</u>
Appropriation for Conveyance of Pupils to and from the High School	\$800 00	
Amount transferred to School Incidentals	\$131 46	
Amount transferred to Evening School	68 54	
		<u>200 00</u>
Amount expended		<u>\$600 00</u>
Appropriation for School Incidentals	\$6,000 00	
Amount transferred from General Appropriation	992 63	
Amount transferred from Appropriation for Conveyance of Pupils	131 46	
Amount expended		<u>\$7,124 09</u>
Appropriation for Industrial Drawing	\$100 00	
Amount transferred to Evening School	66 95	
Balance unexpended		<u>\$33 05</u>

ISAAC HAGAR, *Secretary.*



CITY OF NEWTON.

ANNUAL REPORT

OF

THE TRUSTEES

OF THE

NEWTON FREE LIBRARY,

FOR THE YEAR ENDING DECEMBER 31, 1881.



BOSTON:

FRANKLIN PRESS: RAND, AVERY, & COMPANY.

1882.

BOARD OF TRUSTEES, 1881.

AT LARGE.

BRADFORD K. PEIRCE TERM EXPIRES 1884.
JULIUS L. CLARKE TERM EXPIRES 1883.
JAMES F. C. HYDE TERM EXPIRES 1882.
JOHN S. FARLOW TERM EXPIRES 1885.
WILLIAM CLAFLIN TERM EXPIRES 1886.

FROM THE BOARD OF ALDERMEN.

CHARLES C. BURR TERM EXPIRES 1881.

FROM THE BOARD OF COMMON COUNCIL.

EDWARD W. CATE TERM EXPIRES 1881.

BOARD OF TRUSTEES, 1882.

AT LARGE.

BRADFORD K. PEIRCE TERM EXPIRES 1884.
JULIUS L. CLARKE TERM EXPIRES 1883.
JOHN S. FARLOW TERM EXPIRES 1885.
WILLIAM CLAFLIN TERM EXPIRES 1886.
A. L. EDMANDS TERM EXPIRES 1887.

FROM THE BOARD OF ALDERMEN.

CHARLES C. BURR TERM EXPIRES 1882.

FROM THE BOARD OF COMMON COUNCIL.

ALSON A. SMITH TERM EXPIRES 1882.

ORGANIZATION FOR THE YEAR 1881.

PRESIDENT.

JOHN S. FARLOW.

SECRETARY.

JULIUS L. CLARKE.

COMMITTEE ON THE LIBRARY.

PRESIDENT, *ex officio*.

JULIUS L. CLARKE.

BRADFORD K. PEIRCE.

WILLIAM CLAFLIN.

COMMITTEE ON THE BUILDING.

PRESIDENT, *ex officio*.

EDWARD W. CATE.

JAMES F. C. HYDE.

CHARLES C. BURR.

SUPERINTENDENT.

BRADFORD K. PEIRCE.

LIBRARIAN.

HANNAH P. JAMES.

ASSISTANT LIBRARIANS.

E. P. THURSTON.

J. L. SMALLWOOD.

JANITOR.

JAMES J. TOWER.

ORGANIZATION FOR THE YEAR 1882.

PRESIDENT.

JOHN S. FARLOW.

SECRETARY.

JULIUS L. CLARKE.

COMMITTEE ON THE LIBRARY.

PRESIDENT, *ex officio*.

JULIUS L. CLARKE.

BRADFORD K. PEIRCE.

WILLIAM CLAFLIN.

COMMITTEE ON THE BUILDING.

PRESIDENT, *ex officio*.

ALSON A. SMITH.

A. L. EDMANDS.

CHARLES C. BURR.

SUPERINTENDENT.

BRADFORD K. PEIRCE.

LIBRARIAN.

HANNAH P. JAMES.

ASSISTANT LIBRARIANS.

E. P. THURSTON.

L. J. SMALLWOOD.

E. P. CLEVELAND.

M. E. MICHAELS.

JANITOR.

JAMES J. TOWER.

TRUSTEES' REPORT.

To His Honor the Mayor and the City Council of Newton.

IN this their Annual Report the Trustees of the Newton Free Library can add but little to the exhaustive report of the Superintendent herewith submitted.

The Library is in good condition throughout, and continues to fulfil the high expectations of its founders, both as an educator of the young, and as a means for the culture and recreation of those more advanced in years.

The daily distribution of books in the several wards of the city, which was inaugurated last spring, has proved eminently successful, and been the means of largely extending the benefits of the Library. This has been clearly manifested, not only in the greatly increased circulation of books in those localities, but also in the wider interest taken in the general affairs of the Library by the citizens of the other wards.

The reading-room grows in use and favor year by year, and it affords great pleasure to the Trustees to witness the increasing appreciation by our people of the advantages it offers them.

The tabulated statements in the report of the Superintendent show that the cost of operating the library and reading-room last year was \$7,827.55, and that it will require an appropriation of \$8,500 to meet the estimated expenses for the current year, which sum the Trustees respectfully request the City Council to appropriate therefor.

It will be remembered that early last year the City Council requested the Trustees of the Library to provide for a daily

distribution of the books in all the wards of the city, but failed to appropriate a sum sufficient to meet the additional expense consequent on such a daily distribution.

The Trustees, anxious to do all in their power to carry out the expressed wish of the City Council, and extend, as far as possible, the benefits and advantages of the Library to every part of the city, determined to make the daily distribution, with the full knowledge on their part that it could only be done by using a portion of the funds they had relied on for the purchase of books during the year.

The Superintendent's report will show that a goodly portion of that estimated book money was actually thus used. The necessity for this was particularly to be regretted last year; for the visit of our Superintendent to Europe last summer afforded an opportunity for the selection and purchase of books at low cost, which the Trustees would have gladly availed of, had they possessed the necessary funds.

The amount asked for this year is only five hundred dollars in excess of that asked for last year, and one thousand more than was then appropriated. The extra cost for this daily distribution, as shown by the Superintendent's tables, was only for *nine months* of last year. To that cost, therefore, one-third must be added, in order to meet the requirements of this *entire* current year, and for which the estimates, on which the appropriation now asked for is based, provide.

Whilst the Trustees, and others in charge of the operations of the Library, desire at all times to do what they can in aid of the efforts of the City Council to maintain a judicious economy in its administration of the affairs of the city, they are well satisfied that the diversion to other purposes of funds really needed for the purchase of books is a serious drawback to the usefulness of the Library, and hope it will not be necessary to repeat the experiment of last year.

Very little is likely to be required in the way of additions or repairs to the Library this year. We need, indeed, increased storage capacity for coal, or else the contracts for coal made for us by the city should provide that the Library be furnished at the contract price *all through the season*. We were compelled last year to pay some thirty or forty dollars over

the contract price for the later deliveries, for want of such a provision.

The Trustees, in their own behalf, and in behalf of the Library and the city at large, acknowledge with pleasure and gratitude the valuable services rendered by our Superintendent, the Rev. Bradford K. Peirce. Without fee or reward he continues to labor faithfully and devotedly in the firm belief of the great good that may be made to result from the proper conduct of the institution so largely under his direction and charge.

J. S. FARLOW,
Pres't of the Board of Trustees.

SUPERINTENDENT'S REPORT.

To the Trustees of the Newton Free Library.

GENTLEMEN, — In submitting the Annual Report of the Library for the past year, we have but few special incidents to record. Its regular work, increased nearly fifty per cent during three-quarters of the year, has moved on with unbroken regularity. The usual very full statistical tables, forming the appendix to this report, will give the details of what has been done during the year, the expenses of administration, and the growth and present condition of the Library. It will be seen that the expense at the agencies, and for the distribution of the books, has been largely increased. As this enlargement extends over only three-quarters of the year, the expense for the coming year can be readily estimated.

The circulation of books has been increased by about two thousand over the previous year, reaching the number of 85,333. There are now over ten thousand names registered as patrons of the Library, — a very considerable proportion of the inhabitants of the city. Last year, for reasons that will appear in the report, a smaller number of volumes was added to the Library than in previous years. The total accessions for the year were 1,242, and these volumes are in larger proportion than usual composed of substantial, as well as very interesting, works of science, history, biography, travels, and illustrations of art. But two volumes during the year remain unaccounted for. Fifty-three have been worn out and not replaced, or have been withdrawn from circulation, leaving in the Library, at the opening of the present year, 18,202 volumes. While a portion of the annual

appropriations has been devoted to the collection of valuable books of reference to be used within the hall, the great body of the contents of the Library is intended for general reading and circulation; and probably few libraries have so inconsiderable a quantity of valueless literary lumber on their shelves. The bulletins in the Library, transcribed for the different agencies, give its patrons constant information of the accessions made from time to time to its catalogue.

In its early sessions, at the beginning of last year, the City Council requested the Trustees of the Free Library to arrange for a daily distribution of the books in all the wards of the city. The Trustees had stated, in their previous report to the Mayor and City Council, that such a distribution would occasion an increase in the current expenses of the Library of from \$800 to \$1,000. The Council, however, made no addition to our appropriation, but forwarded to the Board the request, based upon its discretion, involving this large addition to its labor and expense. As the Library is intended, as far as possible, to meet equally the wants of every portion of the city, its Trustees have, from the first, been anxious to respond to every reasonable request. Although the additional expense largely curtailed the resources of the Library in making additions to its shelves, arrangements were at once entered upon for a daily distribution of books; and this has been continued throughout the year. In addition to this, as the presence of the assistants was required to receive and prepare the books for the different parts of the city, the Library has been opened in the forenoon, as well as in the afternoon,—a convenience not heretofore enjoyed by its patrons.

The new arrangement has met with general favor. More books have been taken from the Library, and more visits to it have been made by citizens from the distant wards. This number will continue to increase as the valuable contents of the Library for reference, and for the study of special topics in history and science, come to be better known. Gentlemen during the year, who had not before visited it, have expressed their surprise and pleasure at the facilities it offers.

The Committee upon Public Property provided last year such additions to the shelving in the lower room for congressional documents, and made such improvements in the heating apparatus, that no important outlay will be required during the current year. Every portion of the building now presents an inviting appearance, and affords the visitor to Edmands Hall and the reading-room comfortable accommodations for examining the books or reading the periodicals. The springs which have been placed upon the doors, and the rubbers upon the chairs, have obviated the irritating noise of their closing, and of the moving of the sittings. The reading-room is becoming more and more frequented by citizens from other wards, as well as from the two nearest to it.

A very fine, full-length, painted portrait of the first President of the Board of Trustees, Hon. J. Wiley Edmands, has been given to the Library by the Newton Jersey Stock Club, and now forms a conspicuous and beautiful ornament to its walls. Another is in preparation, of equal size and excellence of execution, of the late Mr. George H. Jones, also President of the Board at the time of his death, whose sudden removal from office and life occurred at the opening of the present year, but was referred to in our last report. The latter picture is also the gift of the Newton Jersey Stock Club, of which Mr. Jones was an honored president. These pictures will be great additions to the works of art now gathering in Edmands Hall, as well as appropriate memorials of honored citizens who aided in the establishment of the Library, and exhibited to the close of their days the liveliest interest in its enlargement and usefulness. At some time in the not distant future it will, doubtless, be considered desirable to provide an additional hall, possibly in the rear of the present building, for the reception of such illustrations of pictorial art and sculpture as may hereafter be given by wealthy and generous citizens of Newton to the Library. Already one large and admirable copy of the great painting of the Transfiguration by Raphael, the original now hanging in the gallery of the Vatican, has been given, and from the same donor an art fund of \$5,000, with the proba-

bility of its being some time doubled. A few fine pictures in water-colors have been purchased, and a large number of rare and very valuable illustrated works. These additions to the Library are greatly appreciated. The Trustees' room has been thrown open during the year, and desk provision made, which persons have constantly improved by availing themselves of the opportunity for copying the pictures already quite liberally provided in our collections. During his visit in London the Superintendent secured between two and three hundred dollars' worth of richly illustrated works, as well as an addition to the general catalogue of the Library of an equal amount. These works of art are not supplied out of the annual appropriation of the city, but from the fund given for this special purpose. It meets with such favorable consideration among our citizens of fortune, and is really accomplishing so much practical good among our young people, that we cannot doubt that the fund will be very considerably enlarged by fresh gifts from time to time. We send our young people to Europe to avail themselves of the opportunities for study in the galleries of art. We shall render these visits all the more valuable by developing and educating their taste at home, and by giving them a knowledge of the fundamental canons of art criticism.

The chief labor within the Library, in addition to the attendance upon its patrons, has been the card catalogue. It is nearly completed. By the use of zinc guide-boards, the nature and value of which can be seen at a glance, as any one seeks to avail himself of this exhaustive index to the Library, the facility of discovering the authorities upon any subject is greatly increased. During the year upon which we now enter, "cross references" will be added to this catalogue, so that all the light which the Library can throw upon any topic of study can at once be seen and secured. It is a matter of daily occurrence that persons come to the Library desiring to find authorities upon given topics without knowing the name of a writer or of a book. Even the consultation of the catalogue of all our shelves may not materially aid them. The subject may be treated in essays among others in a volume, or in some portion of a work bearing a different

title. The card catalogue affords the facility desired to meet this exigency. Its preparation, also, is invaluable to the Librarian and her assistant, enabling them to discover these somewhat veiled resources of the Library upon special topics. The practical result in this direction many have discovered during the year, who have visited the Library to be aided in "reading up" upon certain subjects.

We desire to bear our testimony to the value of the annual "conference of librarians" now held every season in different cities of the Union. Last winter it met in Washington, D.C. At the request of the Trustees the Superintendent attended its sessions, not without benefit, he trusts, to the administration of the Library. A large body of ladies and gentlemen, chiefly the officers or trustees of public or large private libraries, attends these conferences. The subjects discussed in these important gatherings are of great practical importance. The construction of library buildings, the preparation of catalogues, the preservation of the books, the relation of libraries to public schools and universities, the supervision to be exercised over the distribution of books, the character of those which are purchased by public funds, and questions of like important and practical nature, are carefully considered; and the discussions are afterwards published in a permanent form.

The public library throughout the land is fast becoming one of the most prominent educators of the people, and is already exercising a powerful intellectual and moral influence upon society. It is one of the most common bequests of wealth on the part of generous citizens in the final distribution of their property. All our large towns and cities have them, and free reading is secured almost as readily as water and sunshine. Thoughtful men are beginning to be profoundly impressed with the probable influence of these multiplied free libraries upon the moral and intellectual life of the community. Discussions upon this point not only find expression in the "conferences of librarians," but in the public press, and in the widely circulated pamphlet. During the last year the public mind has been considerably moved by the criticisms of a former officer of the Boston Free Library

upon the character of some of the volumes upon its catalogue enjoying a very wide circulation, especially among young people. After consideration the Trustees of the Library dismissed the subject on the ground of the indefiniteness or too sweeping character of the charges, and because, as is doubtless the truth, the public which they represented would not sustain them in omitting from their catalogue the works of all the authors to whom reference was made. It is understood, however, that the most objectionable of the books have been quietly removed from general circulation. The critic responded to their action in a pamphlet, entitled "The Public Library and the School Children," in which he collects the reviews of the leading English literary periodicals, and some of the most thoughtful of our own, of the volumes he had previously specified. These reviews show that these works, which are very popular with certain classes of readers, circulating by the tens of thousands, are demoralizing in the extreme, illustrating in the broadest manner social sins, and condoning in a persuasive story the worst offences against the marriage relation. No Christian parent can read these reviews, not of religious, but of secular, periodicals without a shudder at the thought of such teachings forming the mental and moral nurture of our young people, and giving tone to their social sentiments. It is some relief to know that the objectionable portion of these volumes is not to be found upon our shelves. But this fact does not entirely relieve the anxiety of intelligent observers as to the possible influence of the Public Library. While the works of certain female writers which have an astonishing circulation are so open to unquestioned criticism, and can readily be excluded from general circulation, some of our other fictions of the first class, as to intellectual ability, commending themselves to intelligent readers by their elegance of style, by their rich thought, their powerful discussion of social problems, or by their singularly acute metaphysical speculations, are, after all, simply society novels. They deal freely with domestic and social vices, and often condone or soften the moral darkness of them, in the person of their heroes or heroines. Of no work of fiction is this more true than some of those of

the late Mrs. Cross (George Eliot). The same offences that in a coarser form appear in the sensational novels criticised by Mr. Hubbard, present themselves in a more subtle, and therefore much more injurious, form in the pages of many of the better class of fictions of the day. Any one can see, therefore, how delicate a matter it is to draw the line, and, in view of this fact, will more readily appreciate the difficulty of the Trustees of the Boston Library in making any positive declaration upon the subject.

The recourse, after purifying the shelves of the Library of every thing that is pronounced in its evil influence, and then keeping them pure, is to seek to educate the taste and conscience of the community so that it will demand something higher and better and purer. To accomplish this, we must call in the aid of the press, the school-teacher, the pulpit, and the parent. Unquestionably, except in special instances, the taste of a community properly addressed by a well-appointed library is improved and elevated. It has been so with us, in a marked degree, from the beginning. The average of the circulation of fictions (and this word embraces children's stories as well as novels) has continued to decrease, while that of substantial works of history, biography, travels, and science, has increased. It is only from homes where the intellectual and moral character of childhood is neglected, as a rule, that the Library with us is in anywise abused by the overcrowding of the mind with novels. In many of even these cases kind and wise restraint can be, and is, exercised by the Librarian. With intelligent and careful parents there is little difficulty in securing hearty co-operation in making the Library a blessing and not a curse to young people. We earnestly call upon our teachers of wholesome learning and our ministers of truth to aid in the cultivation of purer and higher tastes among our young people, and in thus defending a great public blessing from becoming, in any degree, an injury to the community. It is one of the hopeful signs of the times that numerous well-written volumes have of late been issued from the press as guides to popular and home reading. Some of these books have en-

joyed a wide circulation. We gratefully notice the fact that one of the best and most elaborate—that of Dr. Noah Porter, president of Yale College, entitled “Books and Reading; or, What Books shall I read, and how shall I read them?”—has reached a second edition. It is becoming every day more and more the habit to make the Library rather a means of education and cultivation than a source of recreation or amusement. These instructive volumes about books and their reading give practical directions as to courses of study and the choicest works to be selected.

We have been placed once more under large obligations to Ex-Gov. Claflin for a very valuable donation of books and public documents issued from the various departments in Washington. If all our representatives in Congress were as thoughtful and liberal in this distribution of the useful publications of the government, there would be much less waste of some very expensive volumes, and less occasion to criticise the unwisdom and lack of economy in the usual fate of the issues of the public printing-office. Mr. Melvil Dewey has kindly presented to the Library “The Bullion” and “The Engineering and Mining Journal.” Many newspapers and periodicals, American and foreign, have been added, by gift, to the files of the reading-room.

No changes have been made during the year in the *personnel* of the Library. Its duties, requiring constant attention during the hours that it is open, extending to eight o’clock in the evening, have been attended to in the same prompt, quiet, and courteous manner which has been, from the first, the distinguishing characteristic of the Library. The lady clerks have accepted during the year a large addition to the requisition upon their services, incident to the daily distribution of books in the different wards, without increased remuneration or complaint. It is a matter of congratulation that their services can still be retained, so familiar have they become with the contents of the Library, and so well satisfied are its patrons with their polite attentions. Of the skill and facility of the accomplished Librarian in the discharge of her varied duties, it is not necessary that fresh reference should

be made. The labors of the Superintendent have been greatly lightened by the cheerfulness and ability with which any service incident to the Library has been assumed and intelligently discharged by this officer.

Respectfully submitted.

B. K. PEIRCE.

APPENDIX.

A.

RECEIPTS.	1881.	1880.	1879.
Dec. 31.			
Municipal appropriation . .	\$7,500 00	\$7,500 00	\$7,000 00
Fines, bulletins, etc. . .	333 91	289 41	286 08
Cash on hand at last report . .	17 28	29 98	32 76
	\$7,851 19	\$7,819 39	\$7,318 84

B.

EXPENDITURES.	1881.	1880.	1879.
Dec 31.			
Salaries	\$3,006 24	\$3,027 20	\$2,601 60
Reading-room	404 27	377 13	302 65
Incidentals	240 76	180 89	203 49
Repairs	99 18	190 23	59 39
Furniture and fixtures	86 63	35 25	111 98
Printing and advertising	105 77	53 00	59 51
Binding	279 93	264 18	215 05
Books	1,758 82	2,311 64	2,518 52
Light and fuel	742 15	587 84	674 85
Agency and express	977 27	520 99	377 07
Blanks and stationery	119 74	158 08	115 17
Postage account	6 79	25 61	13 37
Total expenditures	\$7,827 55	\$7,732 04	\$7,252 65
Bal. with City Treasurer, \$4 81 at the Library 18 83			
Total balance	23 64	87 35	66 19
	\$7,851 19	\$7,819 39	\$7,318 84

C.

CIRCULATION.	1881.	1880.	1879.
Number of days the Library was open	306	307	307
of holidays the Library was closed	6	6	6
of other week-days the Library was closed	1	1	—
of volumes delivered for home use	85,333	83,393	77,437
Average daily use	278.8	271 $\frac{2}{3}$	252
Largest daily use, Feb. 19, 1881; Feb. 24, 1879-80	526	657	515
Smallest daily use, Dec. 26, 1881; Feb. 3, 1880; May 30, 1879	8	48	23
Number of books lost and not paid for	2	17	1
of books worn out and withdrawn	51	112	117
of notices to delinquents,	835	974	—
of volumes recovered	16,453	11,517	11,481
of volumes bound	577	500	482
of names registered during the year	631	902	849
Total number of names registered,	10,157	9,526	8,624

D.

ACCESSIONS.	1881.	1880.	1879.
Increase by purchase	994	1,256	1,453
by gift	164	270	173
by binding pamphlets	5	8	1
by binding periodicals	79	60	62
Number of missing volumes re- stored since last report	—	—	2
Total accessions for the year . .	1,242	1,594	1,691
Number of volumes missing or withdrawn since last report . . .	53	129	118
Actual increase	1,189	1,465	1,573
Number of volumes in the Library as last reported	17,013	15,548	13,975
Total number of volumes in the Library	18,202	17,013	15,548
Number of pamphlets bound since last report	15	49	2
Number of newspapers subscribed for	39	40	36
of newspapers given	20	15	11
of magazines subscribed for	31	30	30
of magazines given	3	3	2
Total number received	93	88	79

E.

CLASSIFICATION, GROWTH, SIZE, AND USE.	Vols. added during the Year.	Total Number of Vols.	Vols. issued during the Year.	PER CENT OF CIRCULA- TION.		
				1881.	1880.	1879.
LITERATURE.						
Prose fiction and juvenile reading	162	4,411	58,984	69.1	69.5	65.3
Essays, poetry, and drama .	162	2,226	5,888	6.9	6.8	8.2
Literary periodicals . . .	75	1,211	2,118	2.5	2.2	2.7
Foreign literature	1	447	288	.34	.4	.4
HISTORY.						
Geography and travels . .	104	1,638	6,170	7.23	7.0	8.2
Biography	121	1,698	3,365	3.94	4.3	4.9
History	97	1,691	3,480	4.08	4.0	4.3
ARTS AND SCIENCES.						
Natural science and indus- trial arts	150	1,575	4,301	5.04	4.8	4.9
Political and social science .	48	911	329	.4	.4	.4
Theology	66	850	297	.34	.4	.5
Reference library	203	1,544	*113	.13	.2	.2
Accessions for the year,	1,189					
Number of volumes in the Library		18,202				
Circulation for the year,			85,333			

* Represents books loaned for home use by *special* permission.

F.

Received for Catalogues sold in 1881	\$32 00
On hand for " " 1880 :	11 00
	<hr/>
	\$43 00
Paid City Treasurer	43 00

G.

ESTIMATED EXPENSES FOR THE YEAR ENDING DEC. 31, 1882.

Salaries	\$3,400
Reading-room	400
Incidentals	250
Repairs	100
Furniture and fixtures	75
Printing and advertising	100
Binding	280
Books	2,000
Light and fuel	725
Agency and express	1,300
Blanks and stationery	120
Postage account	10
	<hr/>
	\$8,760
Probable amount of fines \$300 00	
Cash on hand 18 83	
Required appropriation 8,441 17	
	<hr/>
	8,760

CITY OF NEWTON.

ANNUAL REPORT

OF THE

CHIEF OF FIRE DEPARTMENT

OF THE

CITY OF NEWTON,

FOR THE

Year ending December 31, 1881.

WITH A STATEMENT OF THE FIRES AND ALARMS, ALSO LOSSES
AND INSURANCE DURING THE YEAR.



BOSTON :

FRANKLIN PRESS: RAND, AVERY, & CO.

1882.

REPORT.

HEADQUARTERS FIRE DEPARTMENT CITY OF NEWTON.
OFFICE CHIEF OF DEPARTMENT, WEST NEWTON, Dec. 31, 1881.

To His Honor the Mayor, and City Council.

IN accordance with the requirements of the ordinance I have the honor to submit my Third Annual Report of the Fire Department for the year ending Dec. 31, 1881, giving a complete list of fires and alarms, losses and insurance, a roster of its members, and such other information as may be of interest to your honorable body.

MANUAL FORCE.

The manual force numbers 79 officers and men, divided as follows : —

PERMANENT FORCE.

1 Chief of Department.
1 fire-alarm operator.
3 engineers of steamers.
3 drivers of steamers.
1 driver of truck.
Total, 9.

CALL FORCE.

1. Assistant Chief of Department.
8 foremen of companies.
4 assistant foremen.
8 clerks.

3 stokers.

9 laddermen.

37 hosemen.

Total, 70.

The above force has proved efficient, and under the very best discipline.

APPARATUS.

The apparatus in service consists of —

3 steam fire-engines.

7 four-wheel hose-reels.

1 two-horse truck.

IN RESERVE.

1 four-wheel hose-reel, which is not adapted to our service, and should be sold.

I would recommend the placing of Pompier ladders upon each of the coal-tenders, which would prove of great value, particularly on the south side of the city, pending the providing of a better ladder service for this section.

REPAIRS TO APPARATUS.

No. 1 Engine has been furnished with a new steel boiler and other necessary repairs, also new jacket for the boiler, this latter being done by the permanent employees at this station.

No. 7 Reel, and the coal-tenders attached to the several engines, have been varnished, and are now in good order.

No. 2 Engine is in excellent repair, but should, with Reels 1, 2, and 6, be varnished.

No. 3 Engine will require necessary repairs the coming year.

No. 1 Truck is in good repair. As this apparatus answers all alarms, the ordinary wear is considerable. Heavier wheels may be needed.

No. 4 Reel. — This reel was purchased the past year, having been built by the Abbott Downing Company of Concord, N.H., and is considered a model of its class.

Reels 1, 5, and 6 should be fitted with brakes.

HORSES.

17 horses are permanently employed ; 3 additional are detailed from the street department in response to all alarms for service in the coal-tenders, making a total of 20 horses used by this department. During the year a new pair of horses was purchased for No. 2 Engine, taking the place of the pair formerly in service, which were condemned for old age and unfitness for duty. The horse used in the Fire-Alarm Department was also condemned. It will be necessary to provide another at the earliest opportunity. New horses will be needed for No. 1 and 4 Reels, also No. 3 Engine.

HOSE.

There is a total of 11,900 feet of hose in service, — 4,950 feet of cotton rubber-lined ; 6,950 feet of leather. The leather hose is constantly proving defective, and each year will require the purchase of new to take its place. The cotton hose now in service has proved a good investment for the department and the city. I would recommend the continued purchase of this grade of hose as our needs may require. 1,000 feet will be necessary the coming year. For location, quality, and quantity of hose, see table.

FIRE-ALARM TELEGRAPH.

The fire-alarm telegraph was first introduced in 1873, and consisted of 3 strikers for tower-bells, 4 engine-house gongs, 16 signal stations, 1-4 circuit-repeater, 1 switch-board, 4 galvanometers, battery, and 33 miles of wire, at a total cost of \$12,000. Since then continued additions to the system have been made. In 1880 and 1881 nineteen additional signal stations were added, making the estimated cost of this department at the present time \$22,000. This important aid to the department, under the efficient care of the operator in charge, Mr. G. W. Ulmer, has rendered valuable assistance. That the present efficiency of this branch of the service may be increased, I would recommend additional signal stations in the following localities : —

Crafts and California Streets.

Bowers and Harvard Streets.

Temple and Putnam Streets.

Cherry and River Streets.

City Marshal's office, City Hall.

Auburn and Greenough Streets.

Pine Grove Avenue and Grove Street.

Homer and Cedar Streets.

Hammond Street, near railroad bridge.

Kenrick Street and Waverly Avenue.

Tremont Street and Waverly Avenue.

Hunnewell Park.

I would recommend that the present telephone-line owned by the city be extended to Stations 5, 6, and 7, this year. Extended repairs will be necessary on Fire-Alarm Circuits 1, 3, and 4.

WATER-SUPPLY.

The gradual extending of the water-mains, and placing of additional hydrants, have helped to facilitate the labors of this department very materially. With the nine additional hydrants set the past year, the department has now under its control a total of 391.

I would recommend additional hydrants in the following streets : —

Emerson Place and Boyd Street.

Pearl, between Waban and Jewett Streets.

Centre, between Bellevue and Sargent Streets.

· Otis, between Walnut and Murray Streets.

Washington Park and Walnut Street.

Washington St., between Central Avenue and Harvard St.

Washington, between Parsons and Walker Streets.

River and Waltham Streets.

Cherry and Washington Streets.

Henshaw and Cherry Streets.

Highland, between Temple and Chestnut Streets.

Otis and Short Streets.

Chestnut Street, between Hillside Avenue and Otis St.

Washington St., between Davis St. and Eddy's coal wharf.

Elliott, between Cottage and Oak Streets.

Oak, between Elliott and Chestnut Streets.

Centre and Paul Streets.

Paul, between Parker and Centre Streets.

Willow and Lyman Streets.

Franklin, between Centre Street and Kenrick Park.

Grove, between Hancock Street and Woodland Avenue.

Station, between Beacon Street and railroad.

FIRE STATIONS.

NO. 1 STATION

Is in good repair. I would again renew my recommendations of the previous year, that the police station located in this building be removed to some other locality, and their rooms devoted to the needs of this department.

NO. 2 STATION

Is in good repair. A small outlay will be required for painting and the carpeting of the bunk-rooms.

NO. 3 STATION.

Defects in the roof at this station are such as to require the entire reslating of the building, constant repairs having failed to remedy the trouble; also repairs to stable and bath-room.

NO. 1 TRUCK STATION

Is in good repair. A ventilator will be required for the stable, and the walls of the several rooms will require painting.

NO. 5 STATION.

Immediate repairs are required to the roof and bell-tower; also painting inside and out, and the driveway paved.

NO. 6 STATION.

Repairs are necessary to front doors, and the driveway paved; also the retinning of the bell-tower.

NO. 7 STATION.

Repairs to the roof, a cold-air connection to the furnace, and the paving of the driveway will be necessary.

FIRES AND ALARMS.

The department has responded to 78 calls during the year, an increase of 39 over the previous year. A large number of still alarms were occasioned by the careless or malicious burning over of wood and grass lands, these calls being most frequent on Saturdays, Sundays, and public holidays. As the localities where these fires occurred were some distance from immediate police supervision, little or nothing has been accomplished towards detecting or preventing this class of crime. It is hoped, however, that the amended ordinance covering misdemeanors of this kind will have a tendency to check this fast-growing evil.

While the department has been prompt and efficient in answering the increased demand for its services, still there are defects in the system which require immediate change. Under the present arrangement, no drivers are provided for the hose-reels, and these pieces of apparatus remain in their several stations in case of an alarm until a member comes in from the street to drive. That this serious drawback to the efficiency of this branch of the service may be obviated in a measure, I would earnestly renew my recommendations of 1880, that the permanent force be increased by making the position of stokers of engines permanent, and requiring them to drive their reels; and the appointing of a driver for No. 4 Hose. With this change, the call force can be reduced.

FIRE LIMITS.

With the establishing of "fire limits" by the City Council, a competent officer should be appointed as building inspector.

CHEMICAL ENGINE.

I would renew my recommendations of 1880 for the purchase of a chemical engine. Frequent instances the past year have occurred where one of these engines would have proved invaluable. At the Torrey fire on Sargent Street, with a water damage amounting to very nearly \$3,000, almost this entire loss could have been prevented had an apparatus of the above description been available. The following statistics

relating to the value and efficiency of these engines in the cities and towns where they are in service is respectfully submitted for your examination: Boston, Chicago, Buffalo, New Orleans, Springfield, and Columbus, O., report from 30 to 80 per cent of all fires extinguished or controlled by them. The cities of Haverhill, Lawrence, Cambridge, Lynn, the towns of Quincy, Milton, Marlborough, Northampton, and others in this State, report the same success in their use.

I would recommend a careful consideration of this subject by your honorable body.

RECOMMENDATIONS.

As the city insures its own buildings, I would recommend that steam be used in preference to furnaces for heating purposes, particularly in the high-school building, where seven furnaces are required to heat the several rooms; and also in the City Hall, with reference especially to its safety as well as economy.

That every precaution may be taken to guard against fire, and every facility furnished for the prompt sending in of an alarm when one is discovered, I would recommend the placing of fire-alarm stations in each of the school-buildings. The importance of the prompt attendance of the department in case of fire in these buildings must be realized by all.

VISITORS.

The past year has shown a marked increase in the number of visitors to the several stations, 1,500 having registered in the books kept for that purpose.

APPROPRIATIONS, EXPENDITURES, AND RECEIPTS.

The appropriation for this department for the year ending Dec. 31, 1881, was \$22,000. In addition to this amount a further sum of \$1,175 was granted by the City Council, and ordered to be charged to miscellaneous account, for the placing of a new boiler on No. 1 Engine, and the exchange of horses for No. 2 Engine, making a total of \$23,175.

The total expenditures for the year amounted to \$22,967.32, leaving an unexpended balance of \$207.68.

The following statement will show the principal items of expenditure:—

Salaries	\$11,641 97
Keeping of horses	2,658 67
Seven new signal stations, wire, labor, etc.	1,322 02
Maintenance of fire-alarm, repairs and supplies	1,200 00
New boiler and repairs No. 1 Engine	966 23
Hose	885 00
New hose-reel, No. 4	638 00
Exchange of horses	375 00
Coal	896 20
Gas	291 00
Water rates at stations	197 00
Four pair Berry suspended harness	212 00
Rental of telephone instruments	80 00
Miscellaneous, as per books of the Auditor	1,604 23
Total	\$22,967 32
Appropriation	\$22,000 00
Miscellaneous account	1,175 00
Total	\$23,175 00
Amount expended	\$22,967 32
Amount unexpended	207 68

FOR OLD MATERIAL.

The city was credited on bills of C. A. Cole	20 10
The city was credited on bills of J. Carroll	6 70
The city was credited on bills of F. H. Humphrey,	7 48
The city was credited on bills of O. Whipple	1 80
Total	\$36 08
Credit by cash, as per receipts of City Treasurer for old material	\$3 00
Credit by cash, as per receipts of loss of depart- ment badges, No. 34, No. 38	7 00
Total	\$10 00

Total credited by bills	.	.	.	.	.	\$36 08
Total credited by cash	.	.	.	.	.	10 00
Total	.	.	.	.	.	<hr/>\$46 08

ACKNOWLEDGMENTS.

With the submitting of this report closes also my third term as head of this department. And I desire to tender my sincere acknowledgments to His Honor the Mayor, and the City Council, and the Joint Standing Committee on Fire Department, for the cheerful indorsement and cordial co-operation tendered me in my official position ;

To the officers and members of this department for their courtesy and prompt attendance to duty ;

To the several heads of departments, and their subordinates, for the many acts of kindness which have rendered our associations at all times pleasant and harmonious.

Respectfully submitted.

H. L. BIXBY,

Chief of Fire Department.

APPENDIX.

JOINT STANDING COMMITTEE ON FIRE DEPARTMENT.

Aldermen. — J. WESLEY KIMBALL, D. W. FARQUHAR.

Councilmen. — E. B. BOWEN, WILLIAM DIX, A. A. SMITH.

LIST OF THE OFFICERS, MEMBERS, AND EMPLOYEES.

NAME.	POSITION.	RESIDENCE.
H. L. Bixby . . .	Chief of Department . . .	Margin Street.
W. Bemis. . . .	Ass't Chief of Department .	Centre Street.

HEADQUARTERS FIRE-ALARM TELEGRAPH.

CITY BUILDING, WILLOW STREET.

NAME.	AGE.	POSITION.	BADGE.	RESIDENCE.
G. W. Ulmer . .	31	Operator	1	Centre Street.

No. 1 ENGINE.

STATION, — WASHINGTON, EAST OF CENTRE STREET.

MEMBERS.	AGE.	POSITION.	BADGE.	RESIDENCE.
F. D. Graves . .	25	Foreman, at call . .	15	Carleton St.
P. Y. Hoseason .	26	Assistant, " . .	8	Engine-House
C. W. Boulton .	29	Clerk, " . .	16	Washington St.
G. W. Boyd . .	22	Hoseman, " . .	7	Engine-House.
E. P. Burnham .	27	Hoseman, " . .	9	Carleton Street.
R. J. Morrissey .	33	Hoseman, " . .	13	Centre Street.
G. S. Noden . .	26	Hoseman, " . .	14	Pearl Street.
C. F. Smith . .	25	Hoseman, " . .	5	Washington St.
P. C. Carroll . .	29	Hoseman, " . .	11	Wash'n & Centre.
H. C. Lindley . .	35	Stoker, " . .	4	Engine-House.
EMPLOYEES.				
F. A. Judkins . .	37	Engineer, permanent,	2	Engine-House.
F. H. Harrington .	29	Driver, " . .	73	Engine-House.

APPOINTMENTS DURING THE YEAR.

Aug. 15, 1881. — F. D. Graves, promoted to Foreman.
Aug. 15, 1881. — P. Y. Hoseason, promoted to Assistant Foreman.
Aug. 15, 1881. — C. W. Boulton, promoted to Clerk.
Feb. 15, 1881. — G. S. Noden, to fill vacancy.
July 15, 1881. — E. E. Coombs, to fill vacancy.
Aug. 15, 1881. — C. F. Smith, to fill vacancy.

RESIGNATIONS SAME TERM.

Feb. 1, 1881. — A. L. Rhinds.
July 15, 1881. — E. Pike, jun.
Aug. 15, 1881. — W. H. Park, jun.
Nov. 15, 1881. — E. E. Coombs.

No. 2 ENGINE.

STATION, — WASHINGTON STREET, OPPOSITE LINCOLN PARK.

MEMBERS.	AGE.	POSITION.	RADGE.	RESIDENCE.
G. H. Haynes . .	46	Foreman, at call . .	21	Cherry Street.
F. H. Humphrey .	35	Assistant, “ . .	23	Warren Avenue.
W. F. Rand . .	30	Clerk, “ . .	28	Lander Street.
J. Q. A. Hawkes .	56	Hoseman, “ . .	26	Webster Street.
C. V. Knowles . .	36	Hoseman, “ . .	29	Auburn Street.
H. A. Waterhouse,	27	Hoseman, “ . .	24	Chestnut Street.
F. T. Burgess . .	27	Hoseman, “ . .	22	Engine-House.
Timothy Quilty .	25	Hoseman, “ . .	31	Prospect Street.
C. J. Crowley . .	25	Hoseman, “ . .	30	Engine-House.
T. W. Alfred . .	43	Hoseman, “ . .	27	Auburn Street.
W. M. Lucas . .	24	Stoker, “ . .	19	Engine-House.
EMPLOYEES.				
R. S. Cummings .	32	Engineer, permanent,	17	Engine-House.
C. L. Berry . . .	30	Driver, “	18	Engine-House.

APPOINTMENTS DURING THE YEAR.

March 1, 1881. — W. M. Lucas, promoted to Stoker.
March 1, 1881. — T. Quilty, to fill vacancy.
July 1, 1881. — W. F. Rand, promoted to Clerk.
July 1, 1881. — O. Barker, to fill vacancy.
Aug. 15, 1881. — C. J. Crowley, to fill vacancy.
Dec. 1, 1881. — T. W. Alfred, to fill vacancy.

RESIGNATIONS SAME TERM.

March 1, 1881. — M. J. Crowley.

July 1, 1881. — F. H. Barrows.

Aug. 15, 1881. — O. Barker.

Nov. 30, 1881. — C. A. Cole, discharged.

No. 3 ENGINE.

STATION, — WILLOW STREET.

MEMBERS.	AGE.	POSITION.	BADGE.	RESIDENCE.
A. I. English . .	34	Foreman, at call . .	35	Station Street.
G. F. Richardson .	24	Assistant, " . .	37	Engine-House.
S. F. Chadbourne,	31	Clerk, " . .	41	Willow Street.
C. B. Geary . .	33	Hoseman, " . .	42	Lyman Street.
W. Bliss	26	Hoseman, " . .	39	Willow Street.
Thomas R. Frost .	26	Hoseman, " . .	40	Centre Street.
E. Frost	21	Hoseman, " . .	36	Centre Street.
G. Webb	24	Hoseman, " . .	44	Centre Street.
Daniel McDonald .	27	Hoseman, " . .	33	Centre Street.
W. Thompson . .	24	Hoseman, " . .	46	Engine-House.
A. J. Roach . .	23	Stoker, " . .	45	Engine-House.
EMPLOYEES.				
A. D. Colby . .	50	Engineer, permanent,	32	Engine-House.
A. C. Jewett . .	23	Driver, " . .	43	Engine-House.

APPOINTMENTS DURING THE YEAR.

April 1, 1881. — Thomas R. Frost, to fill vacancy.

May 1, 1881. — E. Frost, to fill vacancy.

July 1, 1881. — D. McDonald, to fill vacancy.

July 1, 1881. — G. Webb, to fill vacancy.

Dec. 1, 1881. — W. Thompson, to fill vacancy.

RESIGNATIONS SAME TERM.

April 1, 1881. — S. U. Dyer.

May 1, 1881. — H. G. Sawyer.

July 1, 1881. — V. Martin.

July 1, 1881. — W. Wilson.

Dec. 1, 1881. — G. N. B. Sherman.

No. 1 TRUCK.

STATION, — WASHINGTON STREET, OPPOSITE WALKER.

MEMBERS.	AGE.	POSITION.	BADGE.	RESIDENCE.
W. S. Higgins . .	34	Foreman, at call . .	62	Washington St.
L. H. Cranitch . .	36	Assistant, “ . .	60	Broadway.
B. F. Barlow . .	43	Clerk, “ . .	65	Parsons Street.
J. Murphy . . .	32	Truckman, “ . .	61	Murray Street.
R. T. Cranitch . .	27	Truckman, “ . .	64	Broadway.
J. H. Williams . .	45	Truckman, “ . .	69	Washington St.
J. H. Gilman . .	32	Truckman, “ . .	66	Allston Street.
D. O. Dow . . .	38	Truckman, “ . .	87	Murray Street
F. B. Sisson . .	42	Truckman, “ . .	81	Washington St.
J. E. Watson . .	28	Truckman, “ . .	70	Allston Street.
T. C. Nickerson . .	37	Truckman, “ . .	68	Lowell Street.
C. Perry . . .	22	Truckman, “ . .	63	Truck-House.
EMPLOYEE.				
C. Murphy . . .	26	Driver, permanent . .	59	Truck-House.

APPOINTMENT DURING THE YEAR.

March 1, 1881. — C. Perry, to fill vacancy.

No. 4 HOSE.

STATION, — WASHINGTON, OPPOSITE WALKER STREET.

MEMBERS.	AGE.	POSITION.	BADGE.	RESIDENCE.
E. C. Waterhouse,	28	Foreman, at call . .	52	Murray Street.
J. Fontaine . . .	31	Clerk, “ . .	47	Walnut Street.
F. A. Dexter . .	24	Hoseman, “ . .	50	Hose-House.
J. Deery . . .	24	Hoseman, “ . .	48	Murray Street.
J. F. Horrigan . .	37	Hoseman, “ . .	49	Washington St.
E. P. Besse . . .	41	Hoseman, “ . .	51	Brookside Av.

No. 5 HOSE.

STATION, — AUBURN, NEAR MELROSE STREET.

MEMBERS.	AGE.	POSITION.	BADGE.	RESIDENCE.
W. F. Soule . .	43	Foreman, at call . .	53	Central Street.
C. A. Drake . .	25	Clerk, “ . .	58	Hose-House.
J. Fanning . . .	23	Hoseman, “ . .	57	Lexington St.
D. J. O'Donnell . .	28	Hoseman, “ . .	56	Lexington St.
Charles A. Parsons,	33	Hoseman, “ . .	54	Hose-House.

APPOINTMENTS DURING THE YEAR.

April 1, 1881. — H. Wright, to fill vacancy.

Nov. 1, 1881. — D. J. O'Donnell, to fill vacancy.

Dec. 1, 1881. — C. A. Parsons, to fill vacancy.

RESIGNATIONS SAME TERM.

July 1, 1881. — H. Wright.

Nov. 1, 1881. — A. H. Richards.

Nov. 1, 1881. — F. Washburn.

No. 6 HOSE.

STATION, — WASHINGTON STREET, ABOVE WALES.

MEMBERS.	AGE.	POSITION.	BADGE.	RESIDENCE.
R. H. Moulton .	32	Foreman, at call . .	76	Wales Street.
B. Early. . . .	25	Clerk, " . .	75	Hose-House.
J. J. Kenny . .	24	Hoseman, " . .	78	Hose-House.
W. B. Kenny . .	22	Hoseman, " . .	79	Beacon Street.
Charles S. Morse .	49	Hoseman, " . .	74	Washington St.
J. J. Cunningham,	29	Hoseman, " . .	77	Hose-House.

APPOINTMENTS DURING THE YEAR.

May 1, 1881. — R. H. Moulton, promoted to Foreman.

June 1, 1881. — B. Early, promoted to Clerk.

May 1, 1881. — C. S. Morse, to fill vacancy.

July 1, 1881. — J. J. Cunningham, to fill vacancy.

RESIGNATIONS SAME TERM.

May 1, 1881. — F. B. Reed.

June 1, 1881. — W. A. Leonard.

No. 7 HOSE.

STATION, — PETTEE STREET.

MEMBERS.	AGE.	POSITION.	BADGE.	RESIDENCE.
W. S. Cargill . .	34	Foreman, at call . .	82	High Street.
H. A. Smith . .	27	Clerk, " . .	84	Hose-House.
J. E. Trowbridge .	45	Hoseman, " . .	81	High Street.
J. T. Thomason .	33	Hoseman, " . .	80	Chestnut Street.
A. Fuller . . .	31	Hoseman, " . .	83	Cottage Hill.
A. E. Easterbrook,	22	Hoseman, " . .	86	Hose-House.

FIRE-ALARM TELEGRAPH.

LIST OF NUMBERS, LOCATIONS, AND HOLDERS OF KEYS TO SIGNAL STATIONS.

Signal
Stations.

4. Auburn and Lexington Streets. Keys at Brush's, apothecary, and A. Plummer's.
5. No. 6 Hose-House. Keys at Hose-House and W. Jackson's.
6. High Street, west of Prospect School. Key at J. E. Trowbridge's.
7. Station Street and Glen Avenue. Keys at R. M. Wilson's, S. Clark's.
8. Beacon and Hammond Streets. Key at John Woodman's.
9. Brookline and Dedham Streets. Key at P. Mullin's.
12. Park and Church Streets. Key at Joseph Hill's.
13. Sargent and Centre Streets. Key at A. W. Freeland's.
14. Washington and Jewett Streets. Key at flag station, railroad.
15. No. 1 Engine-House. Key at Engine-House.
16. Church and Centre Streets. Keys at Dr. Scale's and O. Whipple's.
17. School and Pearl Streets. Keys at J. Jennison's, D. W. Farquhar's.
18. Newtonville Avenue and Howard Streets. Keys at R. Crosby's and Mrs. Tilton's.
21. No. 1 Truck-House. Key at Truck Station.
23. Washington and Walnut Streets. Key at Gaudelet's, apothecary.
24. Chapel and Watertown Streets. Keys at J. B. Murphy's store and Dugdale Mills.
25. Crafts and Watertown Streets. Keys at A. C. Judkin's and Silver Lake Manufacturing Company.
26. Walnut Street, opposite High School. Keys at C. S. Pulsifer's and Superintendent of Schools.
27. Highland Avenue and Mt. Vernon Street. Keys at Joseph Walker's and W. B. Bosson's.
31. Washington and Waltham Streets. Key at Ingraham's, apothecary.
32. River and Pine Streets. Key at M. J. Duane's store.
34. Waltham and Derby Streets. Keys at J. A. Newell's, P. Brennan's, and G. Wilbur's.
35. No. 2 Engine-House. Key at Engine-House and flag station, railroad.
36. Fuller and Washington Streets. Keys at Frank Cummings's and William Dix's.
37. Otis and Fountain Streets. Keys at L. Davis's, G. H. Ingraham's.
41. Auburn and Charles Streets. Key at Mrs. Young's.
42. Woodland Avenue and Grove Street. Key at Laselle Seminary.
43. Ash and Islington Streets. Keys at R. M. Pulsifer's, W. B. Fowle's, and Thomas Hall's.
51. Washington and Concord Streets. Keys at Pillsbury's, apothecary, and A. C. Wiswall's & Co.
52. City Almshouse, Beacon Street. Key in charge of the matron.
61. Chestnut and Winter Streets. Keys at Post-Office, J. T. Thomason, and officers Newton Mills.

62. Chestnut and Oak Streets. Keys at store B. Billings and A. E. Hodgson's.
64. Walnut Street, rear New York and New England depot. Keys at Post-Office and railroad station.
65. Cook and Boylston Streets. Keys at A. Craft's and T. Belger's.
612. Otis Pettee & Co. machine-shops (private). Key at counting-room.
71. Walnut Street and cemetery gate. Key at superintendent's office.
72. M. G. Crane & Co. machine-shop (private). Key at counting-room.
73. No. 3 Engine-House. Key at Engine-House.
74. Beacon Street and Laurel Avenue. Key at J. Gamman's, jun.
81. Ward Street and Waverly Avenue. Key at J. Ward's.
91. Clark and Parker Streets. Keys at W. D. Philbrick's and Samuel Jackson's.

The following persons are furnished keys in addition to the above:—

The City Marshal and all members of the police force; Superintendent of Streets; Superintendent of Water-Works; City Clerk; Deputy-Sheriff John M. Fisk, Richardson Street; Francis Murdock, Esq., Church Street, near Eldredge; J. Wesley Kimball, Chairman Fire Commissioners, Washington Park; J. Q. Henry, Esq., Eldredge, near Franklin Street.

LOCATION OF BELL-STRIKERS.

City Hall, Washington Street.

Congregational Church, Hancock Street.

No. 6 Hose-House (signal horn), Washington Street.

Methodist Church, Summer Street.

Mason School, Station and Beacon Streets.

Congregational Church, Centre Street.

Methodist Church, Walnut Street.

STATEMENT OF THE DUTY PERFORMED BY EACH COMPANY DURING THE YEAR ENDING DEC. 31, 1881.

APPARATUS.	HOSE LAID.	MILES TRAVELLED.	HOURS ON DUTY.
	Feet.		
No. 1 Engine	8,350	45	26.10
No. 2 Engine	7,300	55	29.25
No. 3 Engine	8,900	57	60.50
No. 1 Truck (Ladders)	1,354	136	56.15
No. 4 Hose	7,000	115	45.35
No. 5 Hose	2,050	60	23.10
No. 6 Hose	2,050	30	16.50
No. 7 Hose	3,100	52	29.
Grand Total	40,104	550	267.15

The following table shows the quantity and quality of hose, and where located:—

LOCATION.	COTTON.	QUALITY.	LEATHER.	QUALITY.
	Feet.			
No 1 Engine	1,000	New.	1,000	Poor.
No. 2 Engine	1,550	New.	350	Fair.
No. 3 Engine	1,000	New.	1,000	Poor.
No. 4 Hose	1,400	New.	—	—
No. 5 Hose	—	—	1,200	Fair.
No. 6 Hose	—	—	1,200	Fair.
No. 7 Hose	—	—	1,600	Fair.
At headquarters	—	—	600	Fair.
Total	4,350	—	6,950	—
Grand total, 11,900 feet.				

INVENTORY OF PROPERTY.

An inventory of property belonging to the city, in charge of the department and located at the several stations, is recorded at headquarters.

STATEMENT OF DETAILS OF FIRES AND ALARMS FOR THE YEAR ENDING DEC. 31, 1881.

Jan. 12, Still, 4.15 P.M. Centre and Homer Streets.

One-story frame church, occupied by First Congregational Society. No damage. Cause of alarm, explosion of gas in furnace. Apparatus present, Hose 3, Assistant Chief Bemis. Service, fifteen minutes.

Jan. 14, Box 23, 2.53 A.M. Washington Street, between Central Avenue and Court Street.

One-story frame stable, owned and occupied by D. Harrington & Sons. Loss on buildings, \$500. Insurance, \$500. Cause fire, smoking in building. Apparatus present, Engines 1, 2, Hose 4, 5, No. 1 Truck, Chief Department. Service, two hours, thirty minutes.

Jan. 20, Box 5, 4.10 P.M. Town of Needham.

Apparatus present, Engine 2, Hose 4, 5, 6, No. 1 Truck, Chief Department. Cause of alarm, call for assistance. Service, fifty minutes.

Jan. 26, Still, 11.55 A.M. Otis and Chestnut Streets.

Three-story frame dwelling, owned and occupied by H. A. Gould. Loss on building, \$25. Insurance, no claim. Heat from furnace, melting off gas-pipe. Apparatus present, Hose 2, Chief Department. Service, thirty-five minutes.

Jan. 27, Still, 6.45 P.M. Station Street and Glen Avenue.

Three-story frame dwelling, occupied by Mrs. Smith. Loss on building, \$10. No insurance. Cause of fire, defective open grate. Extinguished by Foreman English, Engine 3.

Feb. 17, Box 5, 5.40 P.M. Town of Wellesley.

Shoddy Mills, Sullivan & Hosmer. Call for assistance. Apparatus present, Engine 2, Hose 4, 5, 6, No. 1 Truck, Chief Department. Service, three hours twenty-five minutes.

Feb. 22, Box 73, 8.02 A.M. Lake Avenue.

One-and-half-story frame stable, owned and occupied by E. M. Fowle. Loss on buildings and contents, \$435. Insurance, \$1,100. Cause of fire, smoking in building. Apparatus present, Engine 3, Hose 4, 7, No. 1 Truck, Chief and Assistant of Department. Service, two hours and fifteen minutes.

March 10, Box 43, 12.15 P.M. Islington Avenue.

Two-story frame stable, owned and occupied by R. M. Pulsifer. Loss on building, no damage; on contents, \$50. Insurance, \$2,000. Cause of fire, slacking of lime by rain. Apparatus present, Engine 2, Hose 4, 5, 6, No. 1 Truck, Chief Department. Service, two hours.

March 14, Box 73, 2.20 P.M. Beacon Street, East of Station Street.

Two-and-half-story frame dwelling, owned and occupied by W. H. Wardwell. Cause of fire, burning chimney. No damage. Apparatus present, Engine 3, Hose 4, 7, No. 1 Truck, Chief and Assistant. Service, thirty minutes.

March 18, Special 22, 12.40 A.M. Brighton District.

Cause, call for assistance. Apparatus present, Engine 1, Chief Department. Service, forty minutes.

March 26, Still, 8.30 P.M. Webster Park.

Grass land. Cause, set by boys. Apparatus present, Hose 2, Chief Department. Service, thirty minutes.

March 27, Still, 9.30 P.M. Chestnut Street.

Wood and grass land. Apparatus present, Hose 2, Chief Department. Service, one hour.

March 27, Still, 9.30 P.M. Pleasant Street.

Grass land. Apparatus present, Hose 3, Assistant Chief. Service, thirty minutes.

March 27, Still, 10.30 P.M. Homer Street.

Wood land. Apparatus present, Hose 3, Assistant Chief Department. Service, thirty minutes.

March 29, Still, 9.15 A.M. Washington and Beacon Streets.

Grass land. Cause, sparks from steam-shovel. Apparatus present, Hose 6, Assistant Foreman Leonard in charge. Service, one hour thirty minutes.

March 29, Still, 1.15 P.M. Pine Grove Avenue.

Wood land. Cause, locomotive sparks. Apparatus present, Hose 6, Foreman Reed. Service, one hour.

March 30, 3 A.M. Washington, East Beacon Street.

One-story frame ice-house, owned by A. S. Munroe. Loss on building, \$50 ; loss on contents, \$600. Insurance, \$1,000. Cause of fire, incendiary. Department not called, through neglect of police.

April 1, Box 31, 11.40 A.M. Hillside Avenue and Mt. Vernon Street.

Two-and-half-story frame dwelling, owned and occupied by J. B. Chase. No damage. Cause of alarm, sparks from roofers' furnace. Apparatus present, Engine 2, Hose 4, 5, No. 1 Truck, Chief Department. Service, fifteen minutes.

April 3, Still, 3 A.M. Beacon Street, East of Washington.

Wood land. Apparatus present, Hose 6, Foreman Reed. Service, thirty minutes.

April 6, Still, 1 P.M. Beacon, East Station Street.

Wood land. Cause, carelessness. Apparatus present, Hose 3, Assistant Chief Department. Service, one hour.

April 6, Still, 6 P.M. Needham Street, near Pumping Station.

Grass land. Caused by boys. Apparatus present, Hose 3, 7, Assistant Chief Department. Service, one hour and fifty minutes.

April 7, Still, 3.30 P.M. Needham Street, near Pumping Station.

Grass land. Cause, incendiary. Apparatus present, Hose 7, Foreman Cargill. Service, two hours.

April 7, Still, 4.50 P.M. Washington and Adams Streets.

Grass land. Cause, locomotive sparks. Apparatus present, Engine 1, Foreman Parks. Service, thirty minutes.

April 8, Box 31, 6.41 P.M. Mt. Vernon, East Hillside Avenue.

Careless burning of rubbish near adjoining buildings. Apparatus present, Engine 2, Hose 4, 5, No. 1 Truck, Chief Department. Service, twenty-five minutes.

April 9, Still, 6.41 P.M. Beacon Street and Railroad.

Grass and fences. Caused by locomotive sparks. Apparatus present, Hose 3, Assistant Chief Department. Service, thirty minutes.

April 9, Box 36, 12.43 P.M. Fuller and Washington Streets.

Wood land. Cause, carelessness. Apparatus present, Engine 2, Hose 4, 5, 6, No. 1 Truck, Chief Department. Service, two hours and twenty-five minutes.

April 9, Still, 3 P.M. Hyde Avenue and New York and New England Railroad.

Grass land. Cause, locomotive sparks. Apparatus present, Hose 3, Assistant Chief Department. Service, forty minutes.

April 9, Still, 4.45 P.M. Needham Street, near Pumping Station.

Grass land. Cause, incendiary. Apparatus present, Hose 3 and 7, Chief and Assistant Chief. Service, one hour and thirty minutes.

April 11, Box 73, 9.20 A.M. Station, South Glen Avenue.

One-story frame stable, owned by Luther Paul. No damage. Cause, children playing with matches. Apparatus present, Engine 3, Hose 4, 7, No. 1 Truck, Chief and Assistant Chief. Service, one hour and fifteen minutes.

April 11, Box 9, 12.20 P.M. Dedham, East Parker Street.

Wood land. Cause, carelessness. Apparatus present, Engine 3, Hose 7, Chief and Assistant Chief. Service, one hour and forty minutes.

April 11, Still, 3.55 P.M. Tremont Street and Waverly Avenue.

Grass and fences. Cause, set by boys. Apparatus present, Engine 1, Foreman Parks. Service, one hour.

April 17, Still, 10.30 A.M. Auburndale Avenue and Rowe Street.

Grass land. Cause, incendiary. Apparatus present, Hose 5, Chief Department. Service, one hour and twenty minutes.

April 21, Still, 4.15 P.M. Fuller and Washington.

Grass and wood land. Cause, carelessness. Apparatus present, Hose 2, Chief Department. Service, thirty minutes.

April 21, Still, 4.15 P.M. Pleasant Street and Crescent Avenue.

Grass land. Cause, carelessness. Apparatus present, Hose 3, Assistant Chief. Service, twenty minutes.

April 24, Still, 1.40 P.M. Dudley Street.

Grass land. Cause, incendiary. Apparatus present, Hose 3, Assistant Chief. Service, two hours and forty minutes.

May 1, Still, 6 P.M. Needham Street, near Pumping Station.

Grass lands. Cause, incendiary. Apparatus present, Hose 7, Foreman Cargill in charge. Service, two hours.

May 4, Box 64, 2.33 P.M. Lincoln and Woodward Streets.

Grass and wood land. Cause, incendiary. Apparatus present, Engine 3, Hose 4, 7, No. 1 Truck, Chief Department and Assistant. Service, two hours.

May 4, Box 26, 3.27 P.M. Murray and Otis Streets.

One-story frame stable, owned and occupied by James T. Hill. No damage. Insurance, \$500. Cause of fire, smoking in building. Apparatus present, Engines 1, 2, Hose 4, 5, No. 1 Truck, Chief Department and Assistant. Service, thirty minutes.

May 4, Still, 3.40 P.M. Pine Grove Avenue.

Wood land. Cause, locomotive sparks. Apparatus present, Hose 6, Foreman Reed in charge. Service, one hour.

May 20, Box 16, 6.50 A.M. Eldredge and Church Streets.

One-story stone church, owned and occupied by Episcopal Society. No damage. Cause of alarm, smoke from chimney. Apparatus present, Engine 1, Hose 4, No. 1 Truck. Chief Department. Service, forty-five minutes.

May 25, Box 36, 3.19 P.M. Vista and Woodland Avenues.

Three-story brick dwelling, owned and occupied by E. H. Haskell. No damage. Cause of alarm, smoke from defective ventilator. Apparatus present, Engine 2, Hose 4, 5, 6, No. 1 Truck, Chief Department. Service, thirty minutes.

May 25, Box 25, 10.04 P.M. Lowell and Walnut Streets.

Two-and-half-story frame dwelling, owned by Sarah Abbott. Loss on building, \$1,200. Insurance, \$2,000. Cause of fire, incendiary. Apparatus present, Engines 1, 2, Hose 4, 5, No. 1 Truck, Chief Department. Service, three hours.

June 13, Box 32, 5.08 P.M. Lexington and River Streets.

One-story frame stable, owned by Thomas Kehoe. Loss on building, \$75; contents, \$10. Insurance, \$300. Cause of fire, children playing with matches. Apparatus present, Engine 2, Hose 4, 5, No. 1 Truck, Chief Department. Service, one hour and forty minutes.

June 25, Box 24, 1.45 P.M. Chapel and Green Streets.

Three-story frame dwelling, owned by W. F. Larrabee. Loss, \$125. Insurance, \$1,500. Cause of fire, smoking in building. Apparatus present, Engine 1, 2, Hose 4, 5, No. 1 Truck, Chief Department. Service, one hour and thirty-five minutes.

June 27, Box 14, 5.40 P.M. Church and Centre Streets.

One-story frame stable, owned and occupied by Joseph Eggleston. Loss on building, \$382. Insurance, \$500. Cause of fire, children playing with matches. Apparatus present, Engine 1, Hose 4, No. 1 Truck, Chief and Assistant of Department. Service, one hour and thirty minutes.

July 4, Still, 3.30 P.M. Glen Avenue and New York and New England Railroad.

One-story frame coal-office, owned by J. D. Elliott. Loss on building, \$25. No insurance. Cause of fire, incendiary. Apparatus present, Engine 3, Chief and Assistant of Department. Service, one hour.

July 4, Box 21, 1.28 P.M. Allston Street and Boston and Albany Railroad.

Two-story frame dwelling, owned by L. Clark. Loss on building, \$15. Insurance, \$2,000. Cause of fire, fire-crackers. Apparatus present, Engine 2, Hose 4, 5, No. 1 Truck, Chief of Department. Service, forty-five minutes.

July 10, Box 14, 1.58 A.M. Washington, corner Adams Street.

One-story frame coal-office, owned and occupied by A. Brackett. Loss on building, \$300. No insurance. Loss on contents, \$35. No insurance. Cause of fire, incendiary. Apparatus present, Engine 1, Hose 4, No. 1 Truck, Chief of Department. Service, two hours.

July 15, Box 14, 11.53 P.M. Washington and Crafts Streets.

One-story frame shed, owned by C. P. Harkins. Loss on buildings, \$25. No insurance. Cause of fire, locomotive sparks. Apparatus present, Engine 1, Hose 4, No. 1 Truck, Chief of Department.

July 22, Box 14, 1.30 A.M. Washington and Crafts Streets.

Two-and-half-story frame dwelling, owned and occupied by C. P. Harkins. Loss on building, \$1,237. Loss on contents, \$709.46. Insurance, \$5,000. Cause of fire, spontaneous combustion of old rags. Apparatus present, Engine 1, Hose 4, No. 1 Truck, Chief of Department. Service, two hours and forty minutes.

Aug. 4, Box 5, 9.53 P.M. Wellesley.

Call for assistance. Apparatus present, Engine 2, Hose 4, 5, No. 1 Truck, Chief of Department. Service, one hour.

Aug. 18, Special 22, 10.05 P.M. Watertown.

Call for assistance. Apparatus present, Engine 1, Chief of Department. Service, one hour.

Aug. 21, Box 24, 1.21 A.M. Chapel and Watertown Streets.

Cause of alarm, false. Apparatus present, Engines 1, 2, Hose 4, 5, No. 1 Truck, Chief of Department. Service, thirty minutes.

Aug. 21, Box 12, 1.50 A.M. Kenrick Park and Church Street.

Cause, false alarm. Apparatus present, Engines 1, 3, Chief and Assistant.

Aug. 21, Box 81, 2.10 A.M. Waverly Avenue and Ward Street.

Cause, false alarm. Present, Chief of Department.

Aug. 21, Box 64, 2.45 A.M. Walnut Street and New York and New England Railroad Station.

Cause, false alarm. Apparatus present, Engine 3, Hose 4, 7, No. 1 Truck, Chief of Department.

Aug. 21, Box 64, 3.30 A.M. Walnut Street and New York and New England Railroad Station.

Cause, false alarm. Apparatus present, Engine 3.

Aug. 21, Box 62, 3.55 A.M. Oak and Chestnut Streets.

Cause, false alarm. Apparatus present, Hose 6, 7, Chief of Department.

Aug. 29, Box 23, 5.25 P.M. Sullivan Place.

One-story frame stable, owned and occupied by O. B. Leavitt. Loss on building, \$479. Insurance, \$800. Cause of fire, children playing with matches. Apparatus present, Engines 1, 2, Hose, 4, 5, No. 1 Truck, Assistant Chief of Department. Service, one hour and thirty minutes.

Sept. 5, Box 15, 6.48 P.M. Centre and Elmwood Streets.

Three-story brick stores and tenements, owned by John Warner. Loss on building, no damage. Cause of alarm, explosion phosphoric acid. Apparatus present, Engine 1, Hose 4, No. 1 Truck, Chief of Department. Service, thirty minutes.

Sept. 8, Box 64, 11.35 P.M. Centre and Walnut Streets.

Two-story frame dwelling, owned by Amos Pierce. Loss on building, \$50. No insurance. Loss on contents, \$45. No insurance. Cause of fire, upsetting of lamp. Apparatus present, Engine 3, Hose 4, 7, No. 1 truck. Chief and Assistant of Department. Service, one hour and forty minutes.

Sept. 16, Box 9, 9.05 P.M. Dedham and Brookline Streets.

One-story frame stable; owner, W. S. Appleton. Loss on building, \$400. No insurance. Loss on contents, \$1,000. No insurance. Cause of fire, smoking in building. Apparatus present, Engine 3, Hose 7, Assistant Chief of Department. Service, three hours.

Sept. 23, Box 73, 10.04 P.M. Paul and Parker Streets.

One-story frame manufactory electric fuse, owned by G. A. Goodyear. Loss on building, \$75. No insurance. Loss on contents, \$350. No insurance. Cause of fire, struck by lightning. Apparatus present, Engine 3, Hose 4, 7, No. 1 Truck, Chief and Assistant of Department. Service, two hours and thirty minutes.

Oct. 9, Box 64, 2.42 A.M. Centre and Walnut Streets.

One-story frame stable, owned and occupied by Amos Pierce. Loss on building, \$300. Not insured. Loss on contents, \$700. Not insured. Cause of fire, incendiary. Apparatus present, Engine 3, Hose 4, 7, No. 1 Truck, Chief and Assistant of Department. Service, seven hours and forty minutes.

Oct. 15, Box 13, 1.30 P.M. Sargent and Park Streets.

Two-and-half-story frame dwelling, owned and occupied by C. A. Torrey. Loss on building, \$1,966. Insurance, \$9,000. Loss on contents, \$1,975. Insurance, \$4,000. Cause of fire, spontaneous combustion of oil-rags. Apparatus present, Engines 1, 3, Hose 4, 7, No. 1 Truck, Chief and Assistant of Department. Service, two hours and forty minutes.

Oct. 19, Special 22, 5.05 A.M. Brighton District, Boston.

Call for assistance. Apparatus present, Engine 1, Chief of Department. Service, one hour.

Nov. 3, Box 12, 12.05 P.M. Kenrick Street.

One-story frame stable and greenhouse, owned by Richard Oldrieve. Loss on building, \$250. No insurance. Loss on contents, \$150. No insurance. Cause of fire, incendiary. Apparatus present, Engine 1, Hose 4, No. 1 Truck, Chief of Department. Service, one hour and ten minutes.

Nov. 5, Box 23, 9.40 P.M. Washington and Crafts Streets.

One-story frame stable, owned by Mrs. A. Gilfether. Loss on building, \$422.30. Insurance, \$500. Cause of fire, incendiary. Apparatus present, Engines 1, 2, Hose 4, 5, No. 1 Truck, Chief of Department. Service, one hour and thirty minutes.

Nov. 6, Box 24, 11.15 P.M. Watertown and Adams Streets.

Two-and-half-story frame tenement, owned by Jeremiah McNamara. Loss on building, no damage. Insurance, \$1,000. Loss on contents, \$25. Cause of fire, incendiary. Apparatus present, Engines 1, 2, Hose 4, 5, No. 1 Truck, Chief of Department. Service, one hour.

Nov. 16, Still, 1 A.M. Wellesley.

Call for assistance. Apparatus present, Hose 6, Foreman Moulton. Service, one hour, thirty minutes.

Nov. 18, Box 61, 3.04 A.M. Chestnut and Summer Streets.

Stack hay, owned by Thomas Shaughnesey. Loss, \$30. No insurance. Cause of fire, incendiary. Apparatus present, Engine 3, Hose 7, No. 1 Truck, Chief and Assistant of Department. Service, one hour and twenty-five minutes.

Nov. 26, Box 74, 3.28 P.M. Pleasant and Beacon Streets.

One-story-and-half frame stable, owned by C. S. Davis, occupied by Samuel Clifford. Loss on building, \$440. Insurance, \$400. Loss on contents, \$400. No insurance. Cause of fire, overheated stove. Apparatus present, Engine 3, Hose 4, 7, No. 1 Truck, Chief and Assistant. Service, one hour and fifty minutes.

Nov. 30, Box 27, 8.47 A.M. Highland Avenue and Mt. Vernon Street.

Cause of alarm, false; caused by telephone-men. Apparatus present, Engines 1, 2, Hose 4, 5, No. 1 Truck, Chief and Assistant of Department. Service, fifty minutes.

Nov. 30, Box 32, 1.55 P.M. River and Cherry Streets.

Cause of fire, careless burning over of grass land. Apparatus present, Engine 2, Hose 4, 5, No. 1 Truck, Chief of Department.

Dec. 4, Box 25, 2.45 A.M. Crafts and Watertown Streets.

One-and-half-story frame stable, owned and occupied by Mrs. Nancy Jennison. Loss on building, \$300. Insurance, \$200. Loss on contents, \$75. No insurance. Cause of fire, incendiary. Apparatus present, Engine 1, 2, Hose 4, 5, No. 1 Truck, Chief of Department. Service, three hours and fifty minutes.

Dec. 9, Box 24, 5.45 A.M. Watertown and Cook Streets.

Three-story frame stores and tenements, owned by Patrick Farrell. Loss on building, \$94. Insurance, \$6,000. Loss on contents, \$723.50. Insurance, \$1,200. Cause of fire, incendiary. Apparatus present, Engines 1, 2, Hose 4, 5, No. 1 Truck, Chief of Department. Service, forty-five minutes.

Dec. 11, Still, 5 P.M. Webster Park.

Cause of fire, burning grass and fences. Chief of Department and Hoseman Burgess. Service, thirty minutes.

Dec. 12, Box 15, 6.50 P.M. St. James Street.

Cause of fire, grass land set by locomotive sparks. Apparatus present, Engine 1, Hose 4, No. 1 Truck, Chief of Department. Service, thirty minutes.

Dec. 20, Box 51, 12.50 P.M. Wellesley.

Call for assistance. Apparatus present, Engine 2, Hose, 4, 5, 6, No. 1 Truck, Chief of Department. Service, forty-five minutes.

LOCATION OF FIRE-HYDRANTS.

LOCATED IN WARD ONE.

Boyd and Jewett Sts.	Green and Chapel Sts.
Boyd, 400 feet E. Fayette St.	Hovey and Washington Sts.
Bellevue, 500 feet E. Howard St.	Jewett and Waban Sts.
Bellevue St. and Newtonville Av.	Jewett and Washington Sts.
Bellevue and Centre Sts.	Newtonville Av. and Oakland St.
Bellevue, 495 feet W. Centre St.	Newtonville Av., 130 feet E. How-
Bellevue and Maple Sts.	ard St.
Bennington and Centre Sts.	Pearl and Gardner Sts.
California, 1,200 E. Chapel.	Pearl and Bacon Sts.
California St., 600 E. Chapel.	Pearl and Jewett Sts.
Centre and Mt. Ida.	Pearl and Waban Sts.
Chapel and California Sts.	Richardson and Church Sts.
Chapel St., 200 ft. N. Dugdale Mills.	Richardson, 450 feet W. Centre St.
Chapel St. and Dugdale Mills.	School and Washington Sts.
Chapel and Watertown Sts.	Waban Park.
Chapel, 500 feet S. Watertown St.	Walnut Park.
Church St., opp. Whipple's Mills.	Washington, 400 feet W. Walnut
Church, 500 feet W. Centre St.	Park.
Channing and Washington Sts.	Washington and Bacon Sts.
Cook St , 500 ft. S. Watertown St.	Watertown and Pearl Sts.
Fayette and Gardner Sts.	Wesley, 300 feet W. Centre St.
Fayette and Boyd Sts.	West and Middle Sts.
Green and Pearl Sts.	West, 500 feet S. Watertown St.

LOCATED IN WARD TWO.

Adams, 120 feet N. Washington St.	Brookside Av., 500 feet N. Wash-
Adams, 400 feet N. Clinton St.	ington St.
Adams and Watertown Sts.	Cabot, 754 feet E. Walnut St.
Brooks Av. and Washington St.	Central Av. and Washington St.
Bowers, 675 feet E. Walnut St.	Central Av. and Turner St.
Bridge and Chandler Sts	Central Av. and Prescott St.
Bridge, 495 feet N. Chandler St.	Court and Beach Sts.
Bridge and California Sts.	Crafts and Linwood Sts.
Brooks Pl., 600 feet N. Washington	Crafts and California Sts.
St	California, 700 feet E. Crafts St.

Cross and Washington Sts.	Otis and Walnut Sts.
Dugdale Manufacturing Co., Chapel St. (private).	Otis St. and Forest Av.
Forest Av., 500 feet S. Otis St.	Otis and Murray Sts.
Green and Chapel Sts.	Parsons and Washington Sts.
Harvard St. and Washington Park.	Silver Lake Manufacturing Co., Nevada St. (private).
Highland Av. and Walnut St.	Walker and Washington Sts.
Highland Av., 470 feet W. Walnut St.	Walker, 475 feet N. Washington.
Highland Av. and Allston St.	Walnut St., opposite High School.
Lowell and Walnut Sts.	Walnut, 300 feet N. Hull St.
Lowell and Edinboro Sts.	Walnut and Washington Sts.
Lowell and Washington Sts.	Walnut, 540 ft. N. Washington St.
Mt. Vernon and Allston Sts.	Walnut, 330 feet S. Crafts St.
Nevada and Watertown Sts.	Washington, 500 ft. W. Walnut St.
Nevada St., opp. Silver Lake Mills.	Washington and Harvard Sts.
Nevada, 600 feet N. Watertown St.	Washington and Crafts Sts.
Newtonville Av. and Harvard St.	Washington Park, 300 ft. Walnut St.
Newtonville Av., 530 feet E. Walnut St.	Washington Pl , 400 feet W. Walnut St.
Newtonville Av. and Walnut St.	Watertown, 310 ft. W. Walnut St.
	Watertown and Crafts Sts.

LOCATED IN WARD THREE.

Alpine St , 800 ft. E. Hillside Av.	Perkins and Lander Sts.
Auburn and Washington Sts.	River and Henshaw Sts.
Auburn and Crescent Sts.	River and Elm Sts.
Chestnut and Washington Sts.	River St., opposite Franklin School.
Davis, 100 feet W. Chestnut St.	River and Pine Sts
Elm and Washington Sts.	Temple and Highland Streets.
Eden, 300 feet N. Watertown St.	Temple and Putnam Sts.
Fountain and Highland Sts.	Temple and Prospect Sts.
Henshaw, 500 feet N. River St.	Temple, 600 W. Putnam St.
Highland, 300 feet E. Fountain St.	Waltham and Washington Sts.
Highland and Chestnut Sts.	Waltham St., opposite Eden Av.
Highland, opposite Hunter St.	Waltham St., 500 ft N. Eden Av.
Highland and Washington Sts.	Waltham and Derby Sts.
Hillside Av and Chestnut St.	Waltham and Pleasant Sts.
Lander and Shaw Sts.	Waltham and Crafts Sts.
Margin, opposite Putnam St	Washington St. and Greenwood Av.
Mt. Vernon St. and Hillside Av.	Washington St., 100 feet E. Davis Ct.
Mt. Vernon St. and Greenwood Av.	Washington St. and Lucas Av.
Otis St. and Hillside Av.	Watertown, opposite Cross St.
Otis St., 500 ft. E. Hillside Av.	Watertown St., 260 ft E. Davis Ct.
Otis and Chestnut Sts.	Webster and Waltham Sts.
Oak Av., 500 feet N. Webster St.	Webster and Cherry Sts.
Prospect and Washington Sts.	

Webster St. and Oak Av.
 Webster St. and Webster Pl.
 Webster Pl. and Webster Park.

Winthrop and Putnam Sts.
 Winthrop and Shaw Sts.

LOCATED IN WARD FOUR.

Ash and Melrose Sts.
 Ash and Seaverns Sts.
 Ash, 600 feet N. Bourne St.
 Auburn and Greenough Sts.
 Auburn, 240 feet W. Maple St.
 Auburn St. and Washington Av.
 Auburndale Av., 540 feet W. Rowe St.
 Central and Maple Sts.
 Central, 340 feet W. Fern St.
 Central St. and Woodland Av.
 Central St., 500 feet E. Woodland Av.
 Grove and Central Sts.
 Grove, 500 feet S. Central St.
 Grove, 700 feet W. Hancock St.
 Hancock and Central Sts.
 Hancock St. and Woodland Av.
 Hancock and Fern Sts.
 Hancock and Grove Sts.
 Hawthorn Av., 600 feet S. Woodland Av.
 Islington Av.

Lexington and Auburn Sts.
 Lexington St., opp. Auburndale Av.
 Lexington St., 900 feet N. Auburndale Av.
 Melrose and Seaverns Sts.
 Melrose, 900 feet N. Seaverns St.
 Oakland Av., 900 ft. S. Auburn St.
 Rowe and Auburn Sts.
 Rowe St. and railroad crossing.
 Seaverns and Lexington Sts.
 Seminary Av., 700 feet W. Woodland Av.
 Vista Av , 700 feet W. Woodland Av.
 Walcott and Rowe Sts.
 Walcott, 600 feet E. Lexington St.
 Washington and Aspen Aves.
 Washington Av. and Bourne St.
 Woodland and Washington Aves.
 Woodland Av. and Maple St.
 Woodland Av., opposite Seminary.
 Woodland Av. and Grove St.

RIVERSIDE.

Charles St. and Evergreen Av.
 Charles, 600 feet W. Auburn St.
 Charles and Auburn Sts.

Evergreen Av., 500 ft. S. Auburn St.
 Newland, 300 feet S. Charles St.

LOWER FALLS.

Beacon, 1,000 ft. S. Washington St.
 Beacon, opposite Almshouse.
 Beacon, 800 feet E. Almshouse.
 Concord St and Weston line.
 Concord and Washington Sts.
 Grove and Washington Sts.
 Grove, 400 feet N. Washington St.
 Grove, 700 feet N. Washington St.
 Grove and St Mary's Sts.
 Pine Grove Av. and Grove St.
 Pine Grove Av., 700 ft. N. Grove St.
 Wales St. and Needham line.
 Washington, 1,500 ft. E. Beacon St.
 Washington, 700 feet E. Beacon St.
 Washington and Beacon Sts.
 Washington, 300 feet E. Wales St.
 Washington and Wales Sts.
 Washington, opposite No. 6 Hose.
 Washington and Hamilton Sts.

LOCATED IN WARD FIVE.

Boylston, 700 feet W. High St.	High and Boylston Sts.
Boylston and Chestnut Sts.	High and Winter Sts.
Boylston and Ellis Sts.	Mechanic and Cheney Sts.
Chandler St.	Needham and Oak Sts.
Chestnut and Summer Sts.	Oak and Chestnut Sts.
Chestnut, 600 feet S. Elliott St.	Oak, 400 feet N. Needham St.
Chestnut St. and cotton-mill gate.	Oak, 400 feet S. Elliott St.
Elliott, 500 feet E. Cottage St.	Otis Pettee & Co. shops (private).
Elliott and Cottage Sts.	Pettee St., opposite No. 7 Hose.
Elliott and Oak Sts.	Pumping station.
Elliott and Chestnut Sts.	Woodward and Chestnut Sts.
Elliott St. and Needham line.	

HIGHLANDS.

Boylston and Centre Sts.	Hyde and Centre Sts.
Boylston and Hartford Sts.	Lake Av. and Walnut St.
Columbus and Lincoln Sts.	Lincoln and Woodward Sts.
Erie Av. and Bowdoin St.	Walnut and Centre Sts.
Forest and Bowdoin Sts.	Walnut, 400 feet N. Forest St.
Forest and Columbus Sts.	Winchester and Hyde Sts.
Hartford St. and Erie Av.	Woodward and Boylston Sts.

LOCATED IN WARD SIX.

Beacon, 500 feet W. Lake Av.	Crescent St. and Norwood Av.▪
Beacon St. and Crescent Av.	Crystal St. and Lake Av.
Beacon and Centre Sts.	Cypress and Paul Sts.
Beacon St., 490 feet W. Grant Av.	Elgin St., 400 feet E. Glen Av.
Beacon St., 2,000 feet E. Grant Av.	Everett, 500 feet E. Sumner St.
Cedar, 300 feet N. Homer St.	Grafton and Centre Sts.
Cedar, 100 feet S. Mill St.	Grafton and Homer Sts.
Cedar, 300 feet S. Mill St.	Homer, 600 feet E. Walnut St.
Centre and Homer Sts.	Homer and Pleasant Sts.
Centre and Ward Sts.	Homer and Cedar Sts.
Centre and Mill Sts.	Knowles and Station Sts.
Centre, 300 feet N. Cotton St.	Lake Av. and Laurel St.
Centre, 600 feet S. Sargent St.	Lyman, 400 feet E. Centre St.
Centre and Sargent Sts.	Maple Av. and Homer St.
Chase St. and Institution Av.	Parker and Cypress Sts.
Chase and Station Sts.	Pleasant St., 500 ft E. Crescent Av.
Clark and Centre Sts.	Pleasant St., 500 feet N. Lake Av.
Clark, 1,400 feet S. Centre St.	Rogers and Centre Sts.
Clark and Parker Sts.	Station, 200 feet E. Centre St.
Clinton Place, 300 ft. W. Centre St	Station and Beacon Sts
Crescent Av. and Centre St.	Sumner and Gibbs Sts.

Ward, 570 feet E. Sumner St.	Ward, 550 feet W. South St.
Ward St. and Grant Av.	Warren St. and Glen Av.
Ward St., 480 feet E. Waverly Av.	Willow and Centre Sts.
Ward St , reservoir yard.	Walnut St. and cemetery gate.

CHESTNUT HILL.

Beacon, 500 feet W. Hammond St.	Hammond, 600 feet N. railroad station.
Hammond, 900 feet S. Ward St.	
Hammond and Beacon Sts.	Hammond St. and railroad bridge.
Hammond, 600 feet S. Beacon St.	South, 800 feet N. Hammond St.
Hammond, 1,000 feet S. Beacon St.	

LOCATED IN WARD SEVEN.

Arlington St. and Waverly Av.	Park and Vernon Sts.
Arlington and Pembroke Sts.	Park, 500 feet S. Vernon St.
Church and Centre Sts.	Park and Sargent Sts.
Church and Eldredge Sts.	Pearl and Bacon Sts.
Church and Park Sts.	Pearl and Linden Sts.
Carleton and Centre Sts.	St. James St. and railroad bridge.
Durant St. and Waverly Av.	Sargent St. and Hyde Av.
Elmwood and Centre Sts.	Tremont and Pembroke St.
Elmwood and Baldwin Sts.	Tremont St. and Waverly Av.
Elmwood and Brooks Sts.	Vernon and Centre Sts.
Franklin and Centre Sts.	Vernon and Baldwin Sts.
Franklin St. and Kenrick Park.	Washington and Nonantum Sts.
Franklin St. and Waverly Av.	Washington and Park Sts.
Hunnewell Park.	Washington, 190 ft. E. St. James St.
Hunnewell Av. and Washington St.	Washington St. and city of Boston line.
Jefferson and William Sts.	Washington St., 400 feet E. Waverly Av.
Jefferson and Centre Sts.	Waverly Av. and Kenrick St.
Linden and Washington Sts.	Waverly Av., 900 ft. S. Kenrick St.
Nonantum and St. James Sts.	Waverly Av. and Cotton St.
Nonantum, 110 feet N. Orchard St.	
Nonantum Square (four way).	

STATISTICS.

OF THE

NEWTON FIRE DEPARTMENT FROM JAN. 1, 1881, TO
DEC. 31, 1881.

Number of telegraph-alarms	48
Number of still and telephone alarms	30
Total number of alarms	78
Aggregate number of alarms this year	78
Aggregate number of alarms last year	39
Increase in number of alarms	39
Insured losses on real estate	\$8,099 30
Insured losses on personal property	\$7,461 96
Insurance paid on real estate	\$6,571 30
Insurance paid on personal property	\$4,516 96
Total insurance	\$39,500 00
Loss over insurance paid	\$1,474 00
Assessed valuation of real estate at risk	\$75,850 00
Annual cost of maintaining Fire Department	\$23,175 00
Population of the city of Newton	17,900
Total number of men employed by Fire Department	79
Area covered by Fire Department	20 square miles.

160
8353

